

CUTRREACH PROJECTS.

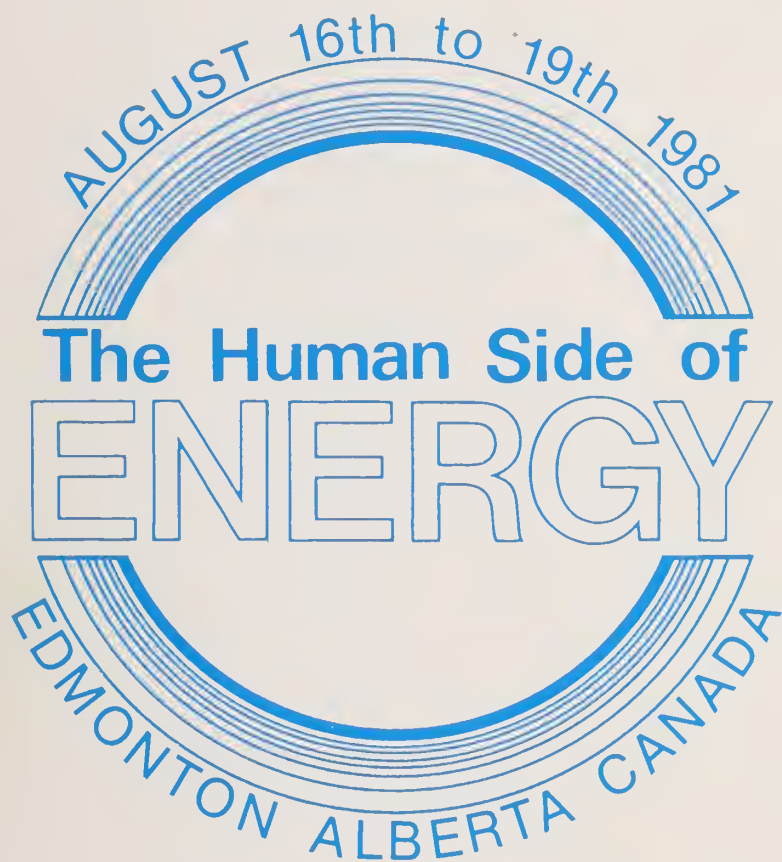
1961

FORUM: HUMAN SIDE OF ENVIRONMENT  
PAPER 134 GREEN & FREEMAN

UNIVERSITY OF ALBERTA ARCHIVES	
Accession No.	98-123
Item No.	163
Box No.	2



Walt Fyers







ANNOTATED COPY.

P A P E R

STRUCTURAL CHANGES IN NORTH AMERICAN SOCIETY,  
ITS INSTITUTIONS AND ITS ECONOMY, RESULTING  
FROM INCREASING ENERGY CONVERSION RATES.

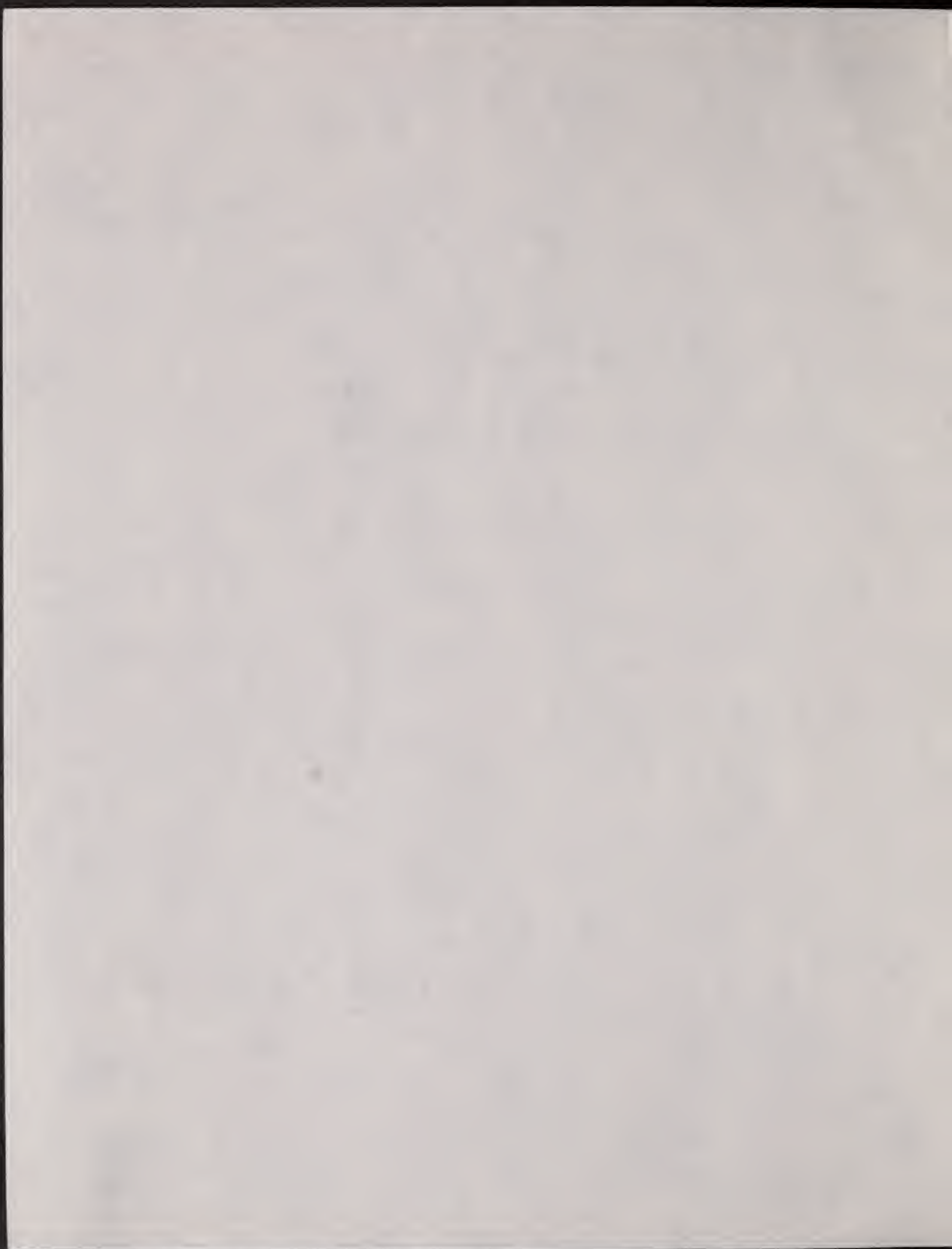
BY

John Gregory

and

Walt Fryers

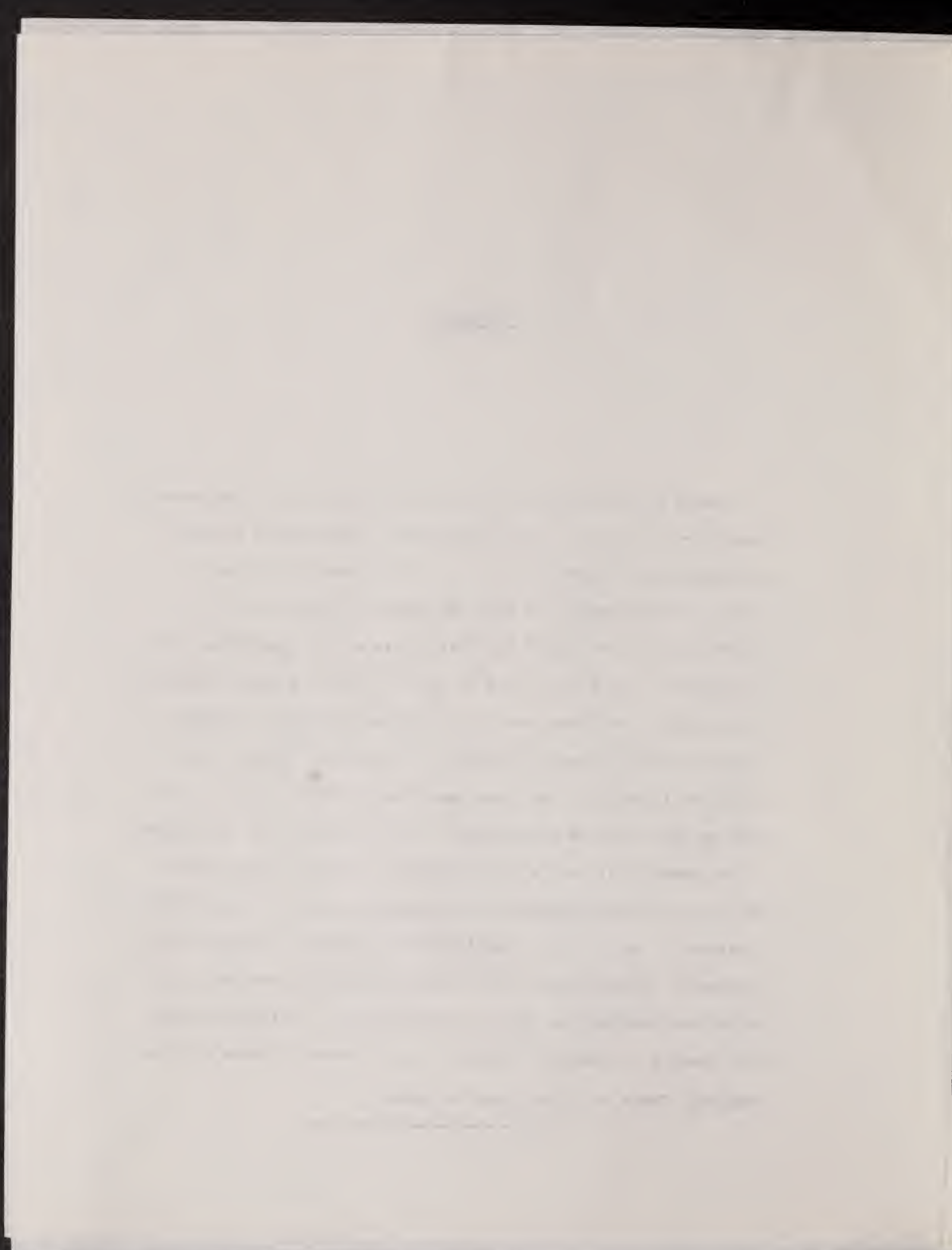
(for presentation at the 2nd International Forum on 'The Human Side of Energy', University of Alberta, Edmonton, Alberta; August 16-19, 1981.)



ABSTRACT:

Energy conversion rates, on a per capita basis, are now becoming recognized as the most basic and universal determinants of social organization for every society since the discovery of fire. In post-war North America the rate has exceeded 200,000 Kg. Cal. per capita, per day (or 10,000 Kg. Coal Equivalent per person per year as defined by the U.N.). This is some  $2\frac{1}{2}$  times the rate for Europe, the next most developed economy of continental extent; and many times the rate for most other areas. Technocracy defines social change as a change in the time-rate of doing work. Hence the high rate of social change experienced in America in the last few decades, which accounts for many of the problems of concern to this Forum., Even greater social changes are in prospect, which will increasingly threaten the security and stability of our society. Technocracy proposes a 'Technological Social Design' that will accommodate the relentless challenge of science and technology. This presentation will examine Technocracy's analysis of our present dilemma and its proposals for a North American 'Technate'.

---





"Structural Changes in North American Society,  
Its Institutions and Its Economy, Resulting  
from Increasing Energy Conversion Rates."

(for presentation at the 2nd International Forum on 'The Human Side of Energy', University of Alberta, Edmonton, Alberta, August 16 - 19, 1981.)

The 'Human Side of Energy' is a subject of many dimensions - many aspects. Most of the papers presented at this Forum and the one which preceded it, deal with specific impacts of the changing energy scene on various communities and institutions; on groups and individuals. These are the pressure points of the day, demanding urgent attention and the prompt enlistment of the resources and abilities of our society.

But there is a larger dimension to the 'Human Side of Energy'. It is the impact of energy on our total society. Extraneous, converted energy is the driving force, unidirectional and irreversible, that is determining our common destiny. It is to this dimension that we here address ourselves.

The Ambience

The United States and Canada are converting energy in excess of 200,000 Kilogram Calories, per capita, per day - the highest of all continental areas in the world. • The concomitant technological development, while producing an ever higher material standard of living, is also developing resultant economic and social pressures and inexorable social change.

This progression is ever increasing. • A forecast by the American Society of Manufacturing Engineers and the University of Michigan, as quoted in Time magazine of 8 December, 1980, states that: "By 1982,



# THE HISTORY OF THE

REIGN OF HENRY THE SEVENTH

OF ENGLAND

BY JOHN HALLAM

ESQ.

OF LINCOLN'S INN

IN TWO VOLUMES

LONDON: PRINTED BY J. JOHNSON, ST. PAULS CHURCH-YARD, 1795.

THE HISTORY OF THE REIGN OF HENRY THE SEVENTH OF ENGLAND, BY JOHN HALLAM, ESQ. OF LINCOLN'S INN, IN TWO VOLUMES. LONDON: PRINTED BY J. JOHNSON, ST. PAULS CHURCH-YARD, 1795.

5% of all assembly systems will use robotic technology; by 1985, 20% of the labor in the final assembly of autos will be replaced by automation. In the same year, 'scene analysis', will provide enough feedback for robots to select parts scrambled in a bin; by 1987, 15% of all assembly systems will use robotic technology; by 1988, 50% of the labor in small-component assembly will be replaced by automation; by 1990, the development of sensory techniques will enable robots to approximate human capability in assembly."

Further in evidence of the trend, as quoted in Discovery magazine of June 1981, it reads: "The Air Force and the aerospace industry are gearing up to produce the factory of the future, an automated plant managed by computers, and manned by blue collar robots. And Stanford University plans to develop a robot with enough dexterity to assist a surgeon."

Simultaneously a special report in Newsweek of January 19, 1981, tells us that: "When Ronald Reagan steps into the White House next week he will inherit the most dangerous economic crisis since Franklin D. Roosevelt took office 48 years ago. From the very beginning his Administration will confront an economy that teeters on the brink of a new recession, suffers from high interest rates and a massive budget deficit and grows increasingly unstable and inefficient. Above all, the new President must come to grips with a baffling inflation that has insinuated itself deeply into the nation's economic, political and social institutions, and is both the prime cause and chief effect of America's other economic ills..." And in another excerpt, adds: "Nobel economics laureate Friedrich von Hayek, an archconservative and unreconstructed free marketer, argues that the only thing that will cure America's inflation is another depression. Engineering such a disaster, even if the political process permitted it, would clearly prove the bankruptcy of economic thought. But failure to address the inflationary crisis immediately with a long-range, comprehensive program





could eventually produce economic conditions every bit as grave." End of quote.

The rapid rise of technology and the resultant economic impasse as cited in the above quotations are directly related. The background and a study of their relationships will now be traced.

#### Historical Background of the Technocratic Analysis

In 1919 a research organization known as the Technical Alliance was formed of a number of outstanding specialists in various fields. Under the leadership of Howard Scott it included such personalities as Thorstein Veblen, economist; Frederick Ackerman, architect; Leland Olds, statistician; and electrical engineers Charles Steinmetz and L. K. Comstock.

Located at Columbia University in New York City it conducted a pioneer energy survey of North America and the effects of the rapid rise of energy conversion and technological development on the social structure and its operation. The study continued for some fourteen years, releasing its findings in the early thirties.

#### The Analysis

The resultant studies made evident a number of observations:

1. As a consequence of geographical, geological, historical and sociological factors, the rates of energy conversion and technological development progressed most rapidly on the North American continent; •
2. Rapid industrialization and mechanization reduced the need for human toil in physical production to such an extent that • while production in the United States rose 15,000% from 1860 to 1974, the requirement for manhours in production peaked in 1900 • and has remained virtually constant since that time;





3. The production of a nation is bought back by means of the wages and salaries received to effect that production. As man-hours per unit of production becomes a declining quantity an ever greater discrepancy arises between production and purchasing power, leading to an ever increasing instability of the social structure. A break did occur in 1929 and during the subsequent decade the economic, or Price, System was maintained, even though at a pathetic level, through the introduction of a variety of external factors such as: destruction of production; creation of make-work projects; welfare programs; and the large-scale, unprecedented creation of personal, corporate and public debt.

The Price System grew out of the days of scarcity when trading his crude materials was the only way in which man could acquire the articles which he required. Through complex ramifications the trading system has grown until it is now the overwhelming structure of finance, business, commerce and politics - a gigantic structure - but still just a method of exchanging goods and services. No intention or pretense is made of accurate measurement or control; no physical accounting is involved; no accurate predictions can be made; and no stabilization can be assured. The Price System is simply a method of erratic exchange. In scarcity it sufficed well enough as an exchange method. In today's reality it is obsolete and entirely inadequate.

#### The Design

It is mandatory in today's complex high-energy, high-technology society that the production and service functions continue without interruption. Hence, realizing that the present Price System was becoming increasingly ineffective and precarious, the Technical Alliance set forth

THE  
[Faint, illegible text follows, appearing to be a formal document or letter with multiple paragraphs.]

to design a social operation in tune - in harmony - with the reality of the times.

On the inventory side: • the North American continent is a large land area possessing favorable soil and climate; an abundance of energy and mineral resources; and the largest and most complex array of technological equipment in the world. It has the highest percentage of technically trained personnel and the highest average consumption of extraneous energy per capita.

The desirable social objectives of the North American continent may be listed as follows:

- a. 1. An abundance of goods and services for the entire population;
- b. 2. A minimum of human effort in the operation of the productive economy;
- ✓ c. 3. Maximum security for the society and the individual;
- d. 4. A wide range of individual selectivity of life styles and opportunities;
- ✓ e. 5. A high standard of education and health;
- f. 6. A centrally controlled and dynamic social mechanism for the benefit of the citizens of the continent, with a perspective that would extend many centuries into the future. •

The design that was evolved - and known now as Technocracy - proposed to measure the total amount of energy used by the continental area in a given period; measure the energy cost of physical production and services; and use these measurements as the basis for the regulation of all continental production and distribution.

A Technocracy would put into operation a continental control of all flow lines of production and distribution • - a continental statistical system which would record the desires of every citizen in his choice of consumable goods and available services. • The system would accomplish the following:





1. Register on a continuous 24-hour-per-day basis the total net conversion of energy, which would determine: a. the availability of energy for plant construction and maintenance, and b. the amount of physical wealth available in the form of consumable goods and services for consumption by the total population during the balanced-load period;
2. Make possible a balanced load by means of the registration of the amount of energy converted and consumed;
3. Provide a continuous inventory of all production and consumption;
4. Provide a specific registration of the type, kind, etc. of all goods and services, where produced and where used;
5. Provide a specific registration of the consumption of each individual;
6. Allow the citizen the widest latitude of choice in consuming his individual share of the continental physical wealth;
7. Distribute goods and services abundantly to every member of the population.

The distribution of purchasing power would be effected by means of an individually-allocated, non-transferable, credit of energy units, assigned in equal amounts to the entire adult population as a matter of right of citizenship. In return the contract of citizenship would require each able-bodied adult to work at his career at an estimated rate of <sup>4</sup>16 hours per day, 4 days per week, between ages 25 to 45. •

The high-energy social mechanism on this continent would thus provide:

1. A high physical standard of living;
2. A high standard of public health;
3. A minimum of unnecessary labor;
4. A minimum of wastage of non-replaceable resources;





5. An educational system based on inherent ability;

6. Economic security for all citizens.

To publicize its analysis of the social operation on this continent and its consequent design, the Technical Alliance formed, in 1933, an organization called 'Technocracy Inc.'. It is a non-political, non-sectarian, non-profit organization for the purpose of research, education and the dissemination of this body of thought. Its headquarters are in Savannah, Ohio, and the Edmonton office is located in HUB Mall, University of Alberta.

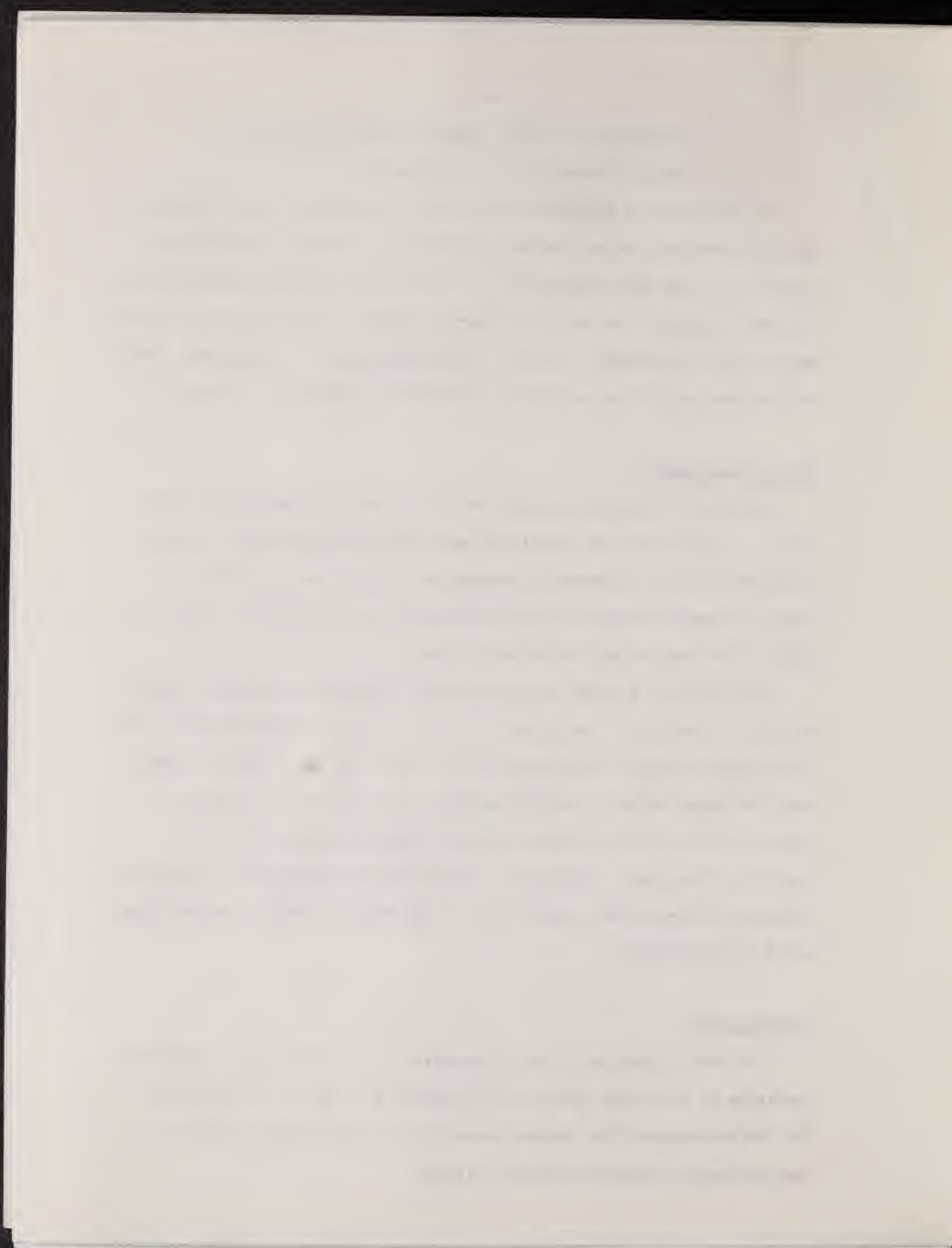
#### Recent Developments

World War II brought an abrupt end to the economic stagnation of the 1930's. A portion of the population was diverted from the work force to the Armed Services. Substantial industrial capacity was assigned to producing war materiel that did not have to be sold in the market place. The Price System revived and the economy boomed.

After the war a number of major external factors provided ever greater stimuli to keep the Price System operative. These factors included: the re-building of Europe through the Marshall Plan; the Cold War; the Korean War; the space programs; the Vietnam War; debt creation at a dizzying pace; etc. But all these factors combined cannot keep pace with the results of the recent technological developments of automation, cybernation, computers, fibre-optics, robotics, etc. The gap is widening; the antidotes are ever more severe.

#### The Challenge

The story of mankind's social progress is the story of his increasing knowledge of his environment and his capability to apply this knowledge for the advantage of his species generally, and also for the benefit of the particular society to which he belonged.





Thus, early man competed with other species in the animal kingdom for survival on a more or less similar footing - depending, in part, on other animals for food, while resisting being the food supply for other animals. Man's discovery or invention of stone weapons, fire, agriculture, domestication of animals, etc. offered him an ever greater advantage over the others. Man became the dominant species on this planet.

Similarly, within mankind's own domain those nations possessing the greatest resource potential along with a favorable historical, geographic and cultural heritage were enabled to progress at a faster rate, and so were able to dominate and exploit those lagging behind.

Man's social structure is seen to be directly dependent on his environment and the degree of his technological development.

With the discovery of agriculture, Man's social organization and behaviour changed from nomadic life to settlement. It remained virtually static until the advent of the industrial revolution when major transformations took place.

The discovery of gun powder rendered castles and armour obsolete. Industrialization caused a movement of workers from the land to the cities, leading to a break-up of the feudal system.

These are lessons to be learned from history. The above cited events took place slowly over a long period of time, easing the resulting social dislocation and turmoil.

Today's dizzying technological progression in the fields of automation, computers, cybernetics, robotics, etc. is applying invincible pressures on our present economic and social structure. Instead of recognizing and facing up to today's reality our political and business leadership can only hold forth with erudite discussions on tight money versus loose money, or inflation versus unemployment, or prosperity versus depression, and the like.





Advancing technology and the rapid rise in the utilization of energy are increasingly emphasizing the obsolescence of our present Price System. It is, essentially, the application of science to the means whereby we live. Earlier social transitions and transformations survived in the days when events moved more slowly. Today's technological progression is dramatically thrusting us by orders of magnitude to ever higher plateaus. It is therefore all the more essential that the populace of this continent become aware of where we are at, so that each can contribute, in his own way, to an orderly evolution of our social structure.

What is 'social change'? One engineer's definition for it is: 'a change in the time-rate of doing work'. In other words social change results from increasing use of energy by ever more sophisticated technologies.

By this definition our society is in the midst of massive and accelerating social change. It is a continuing revolution, in which the dislocations and failures of the present structure are ever more critical. By almost any measure it is increasingly obvious that the consequences of this process are even now verging on the catastrophic.

This then is the total impact of energy on our society. We submit that this constitutes the larger scale of 'The Human Side of Energy'.

Technocracy Inc. is attempting to do its part and is grateful for this opportunity to make this presentation. To this audience and to the readers of these proceedings, it poses the challenge of recognizing and facing up to today's reality.

-----



Abstract

Proposal for Input to  
2nd International Forum on  
"The Human Side of Energy"

by

John Gregory

SUBJECT: "Structural Changes in North American Society, its  
Institutions and its Economy, Resulting from  
Increasing Energy Conversion Rates".

ABSTRACT:

Energy conversion rates, on a per capita basis, are now becoming recognized as the most basic and universal determinants of social organization for every society since the discovery of fire. In post-war North America the rate has exceeded 200,000 Kg. Cal. per capita, per day (or 10,000 Kg. Coal Equivalent per person per year as defined by the U.N.). This is some  $2\frac{1}{2}$  times the rate for Europe, the next most developed economy of continental extent; and many times the rate for most other areas. Technocracy defines social change as a change in the time-rate of doing work. Hence the high rate of social change experienced in America in the last few decades, which accounts for many of the problems of concern to this Forum. Even greater social changes are in prospect, which will increasingly threaten the security and stability of our society. Technocracy proposes a 'Technological Social Design' that will accommodate the relentless challenge of science and technology. This presentation will examine Technocracy's analysis of our present dilemma and its proposals for a North American 'Technate'.

- - - - -







P A P E R

STRUCTURAL CHANGES IN NORTH AMERICAN SOCIETY,  
ITS INSTITUTIONS AND ITS ECONOMY, RESULTING  
FROM INCREASING ENERGY CONVERSION RATES.

BY

John Gregory

and

Walt Fryers

(for presentation at the 2nd International Forum on 'The Human Side of Energy', University of Alberta, Edmonton, Alberta; August 16-19, 1981.)

1887

REPORT OF THE  
COMMISSIONER OF THE  
LAND OFFICE

1887

1887

THE LAND OFFICE

#### ABSTRACT:

Energy conversion rates, on a per capita basis, are now becoming recognized as the most basic and universal determinants of social organization for every society since the discovery of fire. In post-war North America the rate has exceeded 200,000 Kg. Cal. per capita, per day (or 10,000 Kg. Coal Equivalent per person per year as defined by the U.N.). This is some  $2\frac{1}{2}$  times the rate for Europe, the next most developed economy of continental extent; and many times the rate for most other areas. Technocracy defines social change as a change in the time-rate of doing work. Hence the high rate of social change experienced in America in the last few decades, which accounts for many of the problems of concern to this Forum., Even greater social changes are in prospect, which will increasingly threaten the security and stability of our society. Technocracy proposes a 'Technological Social Design' that will accommodate the relentless challenge of science and technology. This presentation will examine Technocracy's analysis of our present dilemma and its proposals for a North American 'Technate'.

---

## CONTENTS

Introduction	1
Chapter I. The History of the English Language	15
Chapter II. The English Language in the Middle Ages	35
Chapter III. The English Language in the Sixteenth Century	55
Chapter IV. The English Language in the Seventeenth Century	75
Chapter V. The English Language in the Eighteenth Century	95
Chapter VI. The English Language in the Nineteenth Century	115
Chapter VII. The English Language in the Twentieth Century	135
Chapter VIII. The English Language in the Twenty-first Century	155
Chapter IX. The English Language in the Twenty-second Century	175
Chapter X. The English Language in the Twenty-third Century	195
Chapter XI. The English Language in the Twenty-fourth Century	215
Chapter XII. The English Language in the Twenty-fifth Century	235
Chapter XIII. The English Language in the Twenty-sixth Century	255
Chapter XIV. The English Language in the Twenty-seventh Century	275
Chapter XV. The English Language in the Twenty-eighth Century	295
Chapter XVI. The English Language in the Twenty-ninth Century	315
Chapter XVII. The English Language in the Thirtieth Century	335
Chapter XVIII. The English Language in the Thirty-first Century	355
Chapter XIX. The English Language in the Thirty-second Century	375
Chapter XX. The English Language in the Thirty-third Century	395
Chapter XXI. The English Language in the Thirty-fourth Century	415
Chapter XXII. The English Language in the Thirty-fifth Century	435
Chapter XXIII. The English Language in the Thirty-sixth Century	455
Chapter XXIV. The English Language in the Thirty-seventh Century	475
Chapter XXV. The English Language in the Thirty-eighth Century	495
Chapter XXVI. The English Language in the Thirty-ninth Century	515
Chapter XXVII. The English Language in the Fortieth Century	535
Chapter XXVIII. The English Language in the Forty-first Century	555
Chapter XXIX. The English Language in the Forty-second Century	575
Chapter XXX. The English Language in the Forty-third Century	595
Chapter XXXI. The English Language in the Forty-fourth Century	615
Chapter XXXII. The English Language in the Forty-fifth Century	635
Chapter XXXIII. The English Language in the Forty-sixth Century	655
Chapter XXXIV. The English Language in the Forty-seventh Century	675
Chapter XXXV. The English Language in the Forty-eighth Century	695
Chapter XXXVI. The English Language in the Forty-ninth Century	715
Chapter XXXVII. The English Language in the Fiftieth Century	735
Chapter XXXVIII. The English Language in the Fifty-first Century	755
Chapter XXXIX. The English Language in the Fifty-second Century	775
Chapter XL. The English Language in the Fifty-third Century	795
Chapter XLI. The English Language in the Fifty-fourth Century	815
Chapter XLII. The English Language in the Fifty-fifth Century	835
Chapter XLIII. The English Language in the Fifty-sixth Century	855
Chapter XLIV. The English Language in the Fifty-seventh Century	875
Chapter XLV. The English Language in the Fifty-eighth Century	895
Chapter XLVI. The English Language in the Fifty-ninth Century	915
Chapter XLVII. The English Language in the Sixtieth Century	935
Chapter XLVIII. The English Language in the Sixty-first Century	955
Chapter XLIX. The English Language in the Sixty-second Century	975
Chapter L. The English Language in the Sixty-third Century	995



"Structural Changes in North American Society,  
Its Institutions and Its Economy, Resulting  
from Increasing Energy Conversion Rates."

(for presentation at the 2nd International Forum on 'The Human Side of Energy', University of Alberta, Edmonton, Alberta, August 16 - 19, 1981.)

The 'Human Side of Energy' is a subject of many dimensions - many aspects. Most of the papers presented at this Forum and the one which preceded it, deal with specific impacts of the changing energy scene on various communities and institutions; on groups and individuals. These are the pressure points of the day, demanding urgent attention and the prompt enlistment of the resources and abilities of our society.

But there is a larger dimension to the 'Human Side of Energy'. It is the impact of energy on our total society. Extraneous, converted energy is the driving force, unidirectional and irreversible, that is determining our common destiny. It is to this dimension that we here address ourselves.

The Ambience

The United States and Canada are converting energy in excess of 200,000 Kilogram Calories, per capita, per day - the highest of all continental areas in the world. The concomitant technological development, while producing an ever higher material standard of living, is also developing resultant economic and social pressures and inexorable social change.

This progression is ever increasing. A forecast by the American Society of Manufacturing Engineers and the University of Michigan, as quoted in Time magazine of 8 December, 1980, states that: "By 1982,

# THE HISTORY OF THE UNITED STATES

OF AMERICA

FROM 1776 TO 1876

BY JAMES M. SMITH, LL.D., OF THE UNIVERSITY OF CHICAGO

The history of the United States is a story of the growth of a great nation from a small colony of English settlers. It is a story of the struggle for freedom and independence, of the development of a new government, and of the expansion of the territory. It is a story of the triumph of the American spirit over all obstacles, and of the realization of the American dream.

The history of the United States is a story of the growth of a great nation from a small colony of English settlers. It is a story of the struggle for freedom and independence, of the development of a new government, and of the expansion of the territory. It is a story of the triumph of the American spirit over all obstacles, and of the realization of the American dream.

5% of all assembly systems will use robotic technology; by 1985, 20% of the labor in the final assembly of autos will be replaced by automation. In the same year, 'scene analysis', will provide enough feedback for robots to select parts scrambled in a bin; by 1987, 15% of all assembly systems will use robotic technology; by 1988, 50% of the labor in small-component assembly will be replaced by automation; by 1990, the development of sensory techniques will enable robots to approximate human capability in assembly."

Further in evidence of the trend, as quoted in Discovery magazine of June 1981, it reads: "The Air Force and the aerospace industry are gearing up to produce the factory of the future, an automated plant managed by computers, and manned by blue collar robots. And Stanford University plans to develop a robot with enough dexterity to assist a surgeon."

Simultaneously a special report in Newsweek of January 19, 1981, tells us that: "When Ronald Reagan steps into the White House next week he will inherit the most dangerous economic crisis since Franklin D. Roosevelt took office 48 years ago. From the very beginning his Administration will confront an economy that teeters on the brink of a new recession, suffers from high interest rates and a massive budget deficit and grows increasingly unstable and inefficient. Above all, the new President must come to grips with a baffling inflation that has insinuated itself deeply into the nation's economic, political and social institutions, and is both the prime cause and chief effect of America's other economic ills..." And in another excerpt, adds: "Nobel economics laureate Friedrich von Hayek, an archconservative and unreconstructed free marketer, argues that the only thing that will cure America's inflation is another depression. Engineering such a disaster, even if the political process permitted it, would clearly prove the bankruptcy of economic thought. But failure to address the inflationary crisis immediately with a long-range, comprehensive program



The first of these is the fact that the  
the second is the fact that the  
the third is the fact that the  
the fourth is the fact that the  
the fifth is the fact that the  
the sixth is the fact that the  
the seventh is the fact that the  
the eighth is the fact that the  
the ninth is the fact that the  
the tenth is the fact that the  
the eleventh is the fact that the  
the twelfth is the fact that the  
the thirteenth is the fact that the  
the fourteenth is the fact that the  
the fifteenth is the fact that the  
the sixteenth is the fact that the  
the seventeenth is the fact that the  
the eighteenth is the fact that the  
the nineteenth is the fact that the  
the twentieth is the fact that the  
the twenty-first is the fact that the  
the twenty-second is the fact that the  
the twenty-third is the fact that the  
the twenty-fourth is the fact that the  
the twenty-fifth is the fact that the  
the twenty-sixth is the fact that the  
the twenty-seventh is the fact that the  
the twenty-eighth is the fact that the  
the twenty-ninth is the fact that the  
the thirtieth is the fact that the  
the thirty-first is the fact that the  
the thirty-second is the fact that the  
the thirty-third is the fact that the  
the thirty-fourth is the fact that the  
the thirty-fifth is the fact that the  
the thirty-sixth is the fact that the  
the thirty-seventh is the fact that the  
the thirty-eighth is the fact that the  
the thirty-ninth is the fact that the  
the fortieth is the fact that the  
the forty-first is the fact that the  
the forty-second is the fact that the  
the forty-third is the fact that the  
the forty-fourth is the fact that the  
the forty-fifth is the fact that the  
the forty-sixth is the fact that the  
the forty-seventh is the fact that the  
the forty-eighth is the fact that the  
the forty-ninth is the fact that the  
the fiftieth is the fact that the  
the fifty-first is the fact that the  
the fifty-second is the fact that the  
the fifty-third is the fact that the  
the fifty-fourth is the fact that the  
the fifty-fifth is the fact that the  
the fifty-sixth is the fact that the  
the fifty-seventh is the fact that the  
the fifty-eighth is the fact that the  
the fifty-ninth is the fact that the  
the sixtieth is the fact that the  
the sixty-first is the fact that the  
the sixty-second is the fact that the  
the sixty-third is the fact that the  
the sixty-fourth is the fact that the  
the sixty-fifth is the fact that the  
the sixty-sixth is the fact that the  
the sixty-seventh is the fact that the  
the sixty-eighth is the fact that the  
the sixty-ninth is the fact that the  
the seventieth is the fact that the  
the seventy-first is the fact that the  
the seventy-second is the fact that the  
the seventy-third is the fact that the  
the seventy-fourth is the fact that the  
the seventy-fifth is the fact that the  
the seventy-sixth is the fact that the  
the seventy-seventh is the fact that the  
the seventy-eighth is the fact that the  
the seventy-ninth is the fact that the  
the eightieth is the fact that the  
the eighty-first is the fact that the  
the eighty-second is the fact that the  
the eighty-third is the fact that the  
the eighty-fourth is the fact that the  
the eighty-fifth is the fact that the  
the eighty-sixth is the fact that the  
the eighty-seventh is the fact that the  
the eighty-eighth is the fact that the  
the eighty-ninth is the fact that the  
the ninetieth is the fact that the  
the ninety-first is the fact that the  
the ninety-second is the fact that the  
the ninety-third is the fact that the  
the ninety-fourth is the fact that the  
the ninety-fifth is the fact that the  
the ninety-sixth is the fact that the  
the ninety-seventh is the fact that the  
the ninety-eighth is the fact that the  
the ninety-ninth is the fact that the  
the hundredth is the fact that the



could eventually produce economic conditions every bit as grave." End of quote.

The rapid rise of technology and the resultant economic impasse as cited in the above quotations are directly related. The background and a study of their relationships will now be traced.

#### Historical Background of the Technocratic Analysis

In 1919 a research organization known as the Technical Alliance was formed of a number of outstanding specialists in various fields. Under the leadership of Howard Scott it included such personalities as Thorstein Veblen, economist; Frederick Ackerman, architect; Leland Olds, statistician; and electrical engineers Charles Steinmetz and L. K. Comstock.

Located at Columbia University in New York City it conducted a pioneer energy survey of North America and the effects of the rapid rise of energy conversion and technological development on the social structure and its operation. The study continued for some fourteen years, releasing its findings in the early thirties.

#### The Analysis

The resultant studies made evident a number of observations:

1. As a consequence of geographical, geological, historical and sociological factors, the rates of energy conversion and technological development progressed most rapidly on the North American continent;
2. Rapid industrialization and mechanization reduced the need for human toil in physical production to such an extent that while production in the United States rose 15,000% from 1860 to 1974, the requirement for manhours in production peaked in 1900 and has remained virtually constant since that time;



3. The production of a nation is bought back by means of the wages and salaries received to effect that production. As man-hours per unit of production becomes a declining quantity an ever greater discrepancy arises between production and purchasing power, leading to an ever increasing instability of the social structure. A break did occur in 1929 and during the subsequent decade the economic, or Price, System was maintained, even though at a pathetic level, through the introduction of a variety of external factors such as: destruction of production; creation of make-work projects; welfare programs; and the large-scale, unprecedented creation of personal, corporate and public debt.

The Price System grew out of the days of scarcity when trading his crude materials was the only way in which man could acquire the articles which he required. Through complex ramifications the trading system has grown until it is now the overwhelming structure of finance, business, commerce and politics - a gigantic structure - but still just a method of exchanging goods and services. No intention or pretense is made of accurate measurement or control; no physical accounting is involved; no accurate predictions can be made; and no stabilization can be assured. The Price System is simply a method of erratic exchange. In scarcity it sufficed well enough as an exchange method. In today's reality it is obsolete and entirely inadequate.

#### The Design

It is mandatory in today's complex high-energy, high-technology society that the production and service functions continue without interruption. Hence, realizing that the present Price System was becoming increasingly ineffective and precarious, the Technical Alliance set forth







to design a social operation in tune - in harmony - with the reality of the times.

On the inventory side: the North American continent is a large land area possessing favorable soil and climate; an abundance of energy and mineral resources; and the largest and most complex array of technological equipment in the world. It has the highest percentage of technically trained personnel and the highest average consumption of extraneous energy per capita.

The desirable social objectives of the North American continent may be listed as follows:

- a. An abundance of goods and services for the entire population;
- b. A minimum of human effort in the operation of the productive economy;
- c. Maximum security for the society and the individual;
- d. A wide range of individual selectivity of life styles and opportunities;
- e. A high standard of education and health;
- f. A centrally controlled and dynamic social mechanism for the benefit of the citizens of the continent, with a perspective that would extend many centuries into the future.

The design that was evolved - and known now as Technocracy - proposed to measure the total amount of energy used by the continental area in a given period; measure the energy cost of physical production and services; and use these measurements as the basis for the regulation of all continental production and distribution.

Technocracy would put into operation a continental control of all flow lines of production and distribution - a continental statistical system which would record the desires of every citizen in his choice of consumable goods and available services. The system would accomplish the following:



1. Register on a continuous 24-hour-per-day basis the total net conversion of energy, which would determine: a. the availability of energy for plant construction and maintenance, and b. the amount of physical wealth available in the form of consumable goods and services for consumption by the total population during the balanced-load period;
2. Make possible a balanced load by means of the registration of the amount of energy converted and consumed;
3. Provide a continuous inventory of all production and consumption;
4. Provide a specific registration of the type, kind, etc. of all goods and services, where produced and where used;
5. Provide a specific registration of the consumption of each individual;
6. Allow the citizen the widest latitude of choice in consuming his individual share of the continental physical wealth;
7. Distribute goods and services abundantly to every member of the population.

The distribution of purchasing power would be effected by means of an individually-allocated, non-transferable, credit of energy units, assigned in equal amounts to the entire adult population as a matter of right of citizenship. In return the contract of citizenship would require each able-bodied adult to work at his career at an estimated rate of 16 hours per day, 4 days per week, between ages 25 to 45.

The high-energy social mechanism on this continent would thus provide:

1. A high physical standard of living;
2. A high standard of public health;
3. A minimum of unnecessary labor;
4. A minimum of wastage of non-replaceable resources;







5. An educational system based on inherent ability;
6. Economic security for all citizens.

To publicize its analysis of the social operation on this continent and its consequent design, the Technical Alliance formed, in 1933, an organization called 'Technocracy Inc.'. It is a non-political, non-sectarian, non-profit organization for the purpose of research, education and the dissemination of this body of thought. Its headquarters are in Savannah, Ohio, and the Edmonton office is located in HUB Mall, University of Alberta.

#### Recent Developments

World War II brought an abrupt end to the economic stagnation of the 1930's. A portion of the population was diverted from the work force to the Armed Services. Substantial industrial capacity was assigned to producing war materiel that did not have to be sold in the market place. The Price System revived and the economy boomed.

After the war a number of major external factors provided ever greater stimuli to keep the Price System operative. These factors included: the re-building of Europe through the Marshall Plan; the Cold War; the Korean War; the space programs; the Vietnam War; debt creation at a dizzying pace; etc. But all these factors combined cannot keep pace with the results of the recent technological developments of automation, cybernation, computers, fibre-optics, robotics, etc. The gap is widening; the antidotes are ever more severe.

#### The Challenge

The story of mankind's social progress is the story of his increasing knowledge of his environment and his capability to apply this knowledge for the advantage of his species generally, and also for the benefit of the particular society to which he belonged.

THE  
JOURNAL OF THE  
ROYAL ANTHROPOLOGICAL INSTITUTE

Volume 100, Part 1, 1970  
The Journal of the Royal Anthropological Institute is a quarterly publication of the Royal Anthropological Institute, London. It is devoted to the publication of original research papers, reviews, and other material of interest to anthropologists. The Journal is published in four parts per year, in January, April, July, and October. The subscription price of the Journal (which includes postage) is £12.00 per annum in advance. Single parts are available at £3.00 each. The Journal is also available in microfilm and microfiche editions. The Journal is indexed and abstracted in a number of journals and services.

CONTENTS

1. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
2. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
3. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
4. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
5. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
6. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
7. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
8. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
9. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
10. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.

NOTES

1. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
2. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
3. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
4. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
5. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
6. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
7. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
8. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
9. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.  
10. The evolution of man: a review of the evidence, J. H. J. VAN DEN BERGHE.

Thus, early man competed with other species in the animal kingdom for survival on a more or less similar footing - depending, in part, on other animals for food, while resisting being the food supply for other animals. Man's discovery or invention of stone weapons, fire, agriculture, domestication of animals, etc. offered him an ever greater advantage over the others. Man became the dominant species on this planet.

Similarly, within mankind's own domain those nations possessing the greatest resource potential along with a favorable historical, geographic and cultural heritage were enabled to progress at a faster rate, and so were able to dominate and exploit those lagging behind.

Man's social structure is seen to be directly dependent on his environment and the degree of his technological development.

With the discovery of agriculture, Man's social organization and behaviour changed from nomadic life to settlement. It remained virtually static until the advent of the industrial revolution when major transformations took place.

The discovery of gun powder rendered castles and armour obsolete. Industrialization caused a movement of workers from the land to the cities, leading to a break-up of the feudal system.

These are lessons to be learned from history. The above cited events took place slowly over a long period of time, easing the resulting social dislocation and turmoil.

Today's dizzying technological progression in the fields of automation, computers, cybernetics, robotics, etc. is applying invincible pressures on our present economic and social structure. Instead of recognizing and facing up to today's reality our political and business leadership can only hold forth with erudite discussions on tight money versus loose money, or inflation versus unemployment, or prosperity versus depression, and the like.







Advancing technology and the rapid rise in the utilization of energy are increasingly emphasizing the obsolescence of our present Price System. It is, essentially, the application of science to the means whereby we live. Earlier social transitions and transformations survived in the days when events moved more slowly. Today's technological progression is dramatically thrusting us by orders of magnitude to ever higher plateaus. It is therefore all the more essential that the populace of this continent become aware of where we are at, so that each can contribute, in his own way, to an orderly evolution of our social structure.

What is 'social change'? One engineer's definition for it is: 'a change in the time-rate of doing work'. In other words social change results from increasing use of energy by ever more sophisticated technologies.

By this definition our society is in the midst of massive and accelerating social change. It is a continuing revolution, in which the dislocations and failures of the present structure are ever more critical. By almost any measure it is increasingly obvious that the consequences of this process are even now verging on the catastrophic.

This then is the total impact of energy on our society. We submit that this constitutes the larger scale of 'The Human Side of Energy'.

Technocracy Inc. is attempting to do its part and is grateful for this opportunity to make this presentation. To this audience and to the readers of these proceedings, it poses the challenge of recognizing and facing up to today's reality.

-----





15 Sep 81

CHQ

Re: Report on Paper given to 2nd International Forum on the Human Side of Energy.  
Extension Faculty, University of Alberta, Edmonton, Alta., Aug. 16-19, 1981

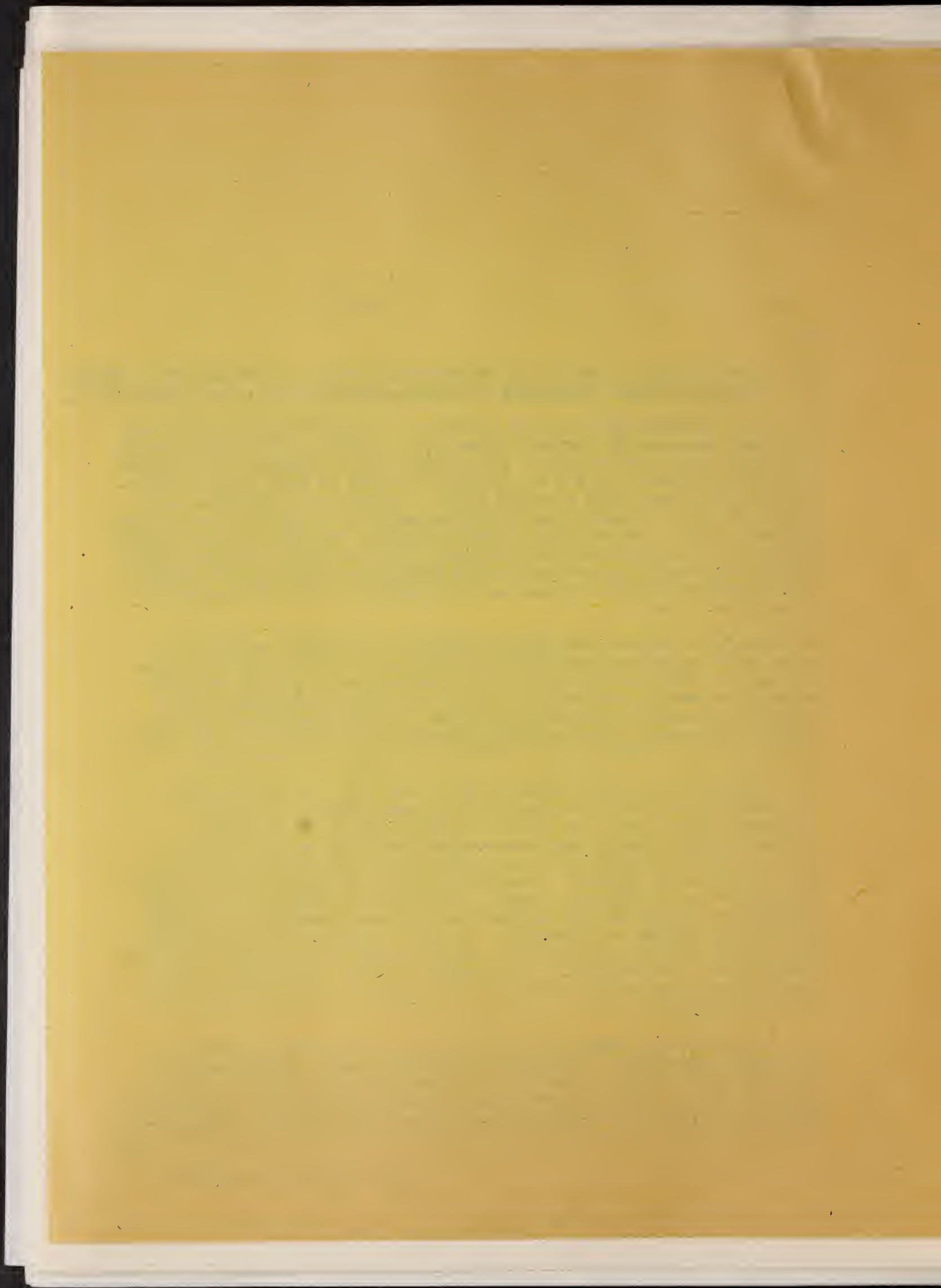
1. When this Forum was announced in University publications early this year inquiries were made for further information. The first such Forum was held July 7-9, 1980 at the University of Wyoming, Laramie, Wyoming, and according to information supplied, did not stress the future, or large scale analysis. This 2nd such Forum added a subject title: "Energy and the Future", and seemed to allow a presentation such as our subject. Accordingly we submitted an abstract of a proposed paper titled "Structural Changes in North American Society, its Institutions and its Economy, Resulting from Increasing Energy Conversion Rates". Our abstract was acknowledged on April 30, and accepted by the program committee on June 4, with submission of the final paper requested for 15 July.

2. Although I prepared the initial abstract, Jack Gregory accepted the chore of preparing and presenting the final paper. He was able to prepare the bulk of the paper but found he would not be able to present it so my name and resume was substituted for his. With minor amendments and the addition of opening and closing paragraphs, the final paper was submitted 4 Aug. (The Postal strike had badly disrupted the schedule of preparations for the Forum.) Both names were shown on the paper, as co-authors.

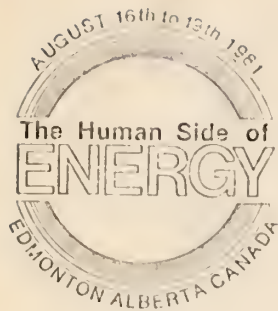
3. Presentation was made Tuesday morning, 18th Aug. The program gave us a very poor title: "The effects of increasing conservation rates" - a clerical error which I was unable to correct before the printing. As many as eight simultaneous presentations were being made at any one time. We were scheduled with a presentation on solar energy and our time was cut down to 20 minutes. This resulted in an ad lib presentation using Vu-graph overhead projection slides. The audience numbered 25, including 3 members, a TV crewman, the chairman and the other speaker, and one child. However the audience was attentive. Our main outlet, however, was through the reprints provided by the Forum - some 50 copies of our paper. No further requests have been received. Our abstract, at least, will appear in the final report of proceedings. Copies of the paper and pertinent additional items are attached.

4. The overwhelming focus of this Forum is on contemporary problems in particular communities, institutions and social groups. Considering the time and effort involved, there is a question as to the efficacy of this project, for this Unit. However if CHQ is interested, the 3rd International Forum will be held at the University of Tennessee in Knoxville, August 2-4, 1982, in connection with the 1982 World's Fair to be held there at that time.

Walt Fryers, Org. 11353-A.







27 August 1981

Walter Fryers  
11515 - 39 Avenue  
Edmonton, Alberta  
T6J 0M5

Dear Mr. Fryers:

I just want to express my appreciation of your participation in the Human Side of Energy. It seems to me from the feedback I am getting that the Forum was a success.

Hopefully we'll have the proceedings out in 4-5 months time.

Once again, many thanks.

Yours sincerely,

*Felicity Edwards*

Felicity Edwards  
Program Coordinator

FNE/agn

### *Berger to give speech*

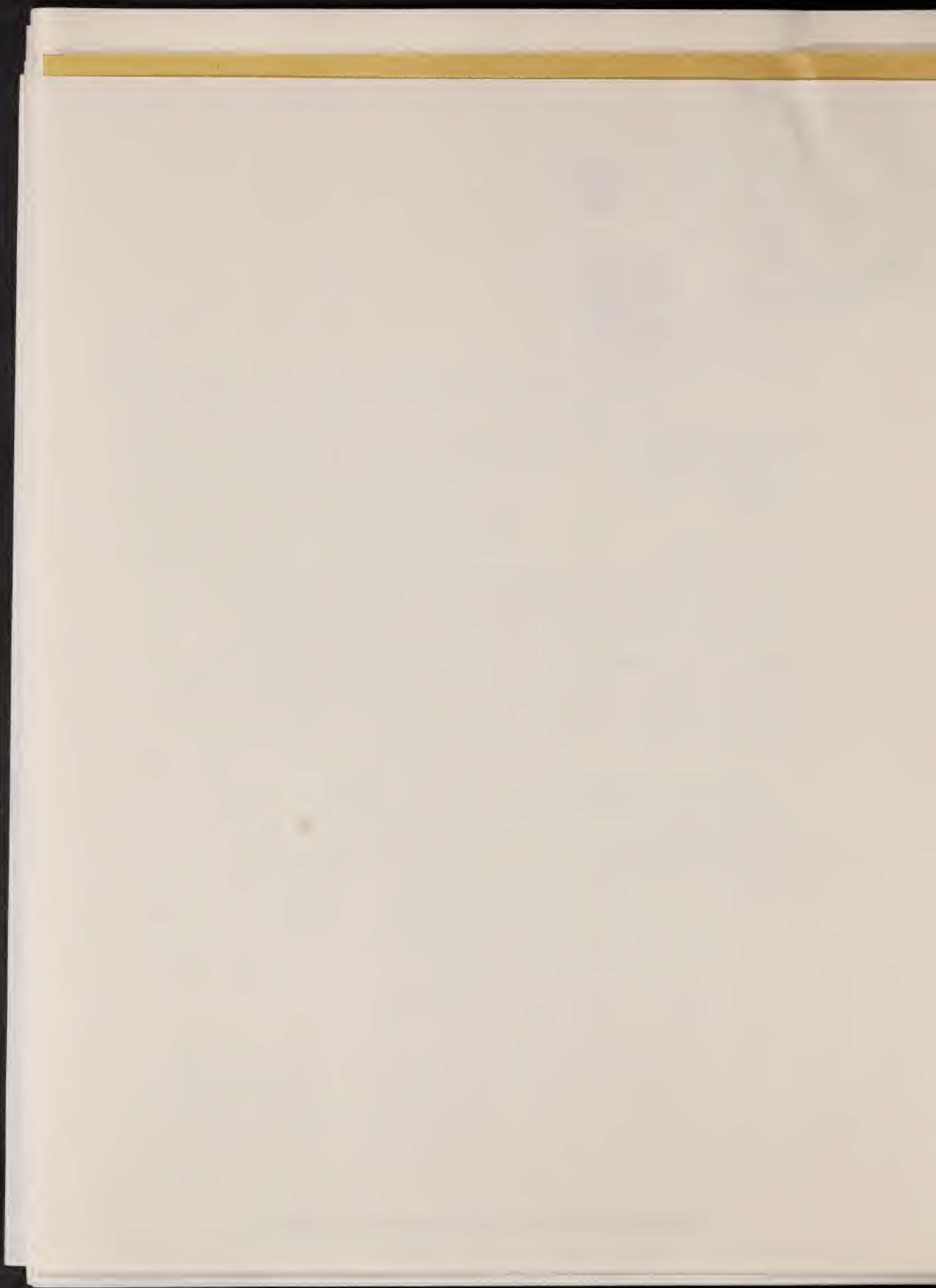
Mr. Justice Thomas Berger, author of the landmark Mackenzie Valley pipeline inquiry report, will be keynote speaker at a three-day forum on the human side of energy development at the University of Alberta.

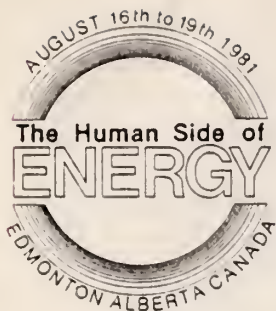
The forum, which begins Sunday, will address the impact of energy development on social institutions, the elderly, and native groups, as well as the ethical, psychological and cultural effects of energy.

*14 Aug 81*

THE HUMAN SIDE OF ENERGY: ALBERTA CONFERENCE COMMITTEE

C/O THE FACULTY OF EXTENSION CORBETT HALL THE UNIVERSITY OF ALBERTA EDMONTON, ALBERTA T6G 2G4 TELEPHONE (403) 432-3035





June 4, 1981

John Gregory  
Unit A. R.D. 11353  
Technocracy Inc.  
9203-S-112 Street  
Edmonton, Alberta  
T6G 2C5

Dear Mr. Gregory:

On behalf of the organizing committee for The Human Side of Energy: 2nd International Forum, I am pleased to advise that your submission has been accepted for inclusion in our program.

We are presently working out details endeavoring to make best use of the excellent presentations offered. Although we recognize that some presentations require the full seventy-five minute time period, we hope to group a few shorter presentations focusing on a common issue. As we require further information about your presentation, please complete the enclosed checklist. A member of our program planning committee will be contacting you in the near future to discuss your involvement.

We would ask at this time that you submit your final paper (suitable for reproduction as a handout or in proceedings) and a personal vitae (for introduction and/or publicity purposes) by July 15, 1981.

You will be interested to note a few of the abstract titles are included in the enclosed brochure. Kindly complete the registration form and network directory and enclose with the checklist. The request for reservation form (if applicable) is sent directly to the facility of your choice.

Your prompt assistance in these matters would be greatly appreciated.

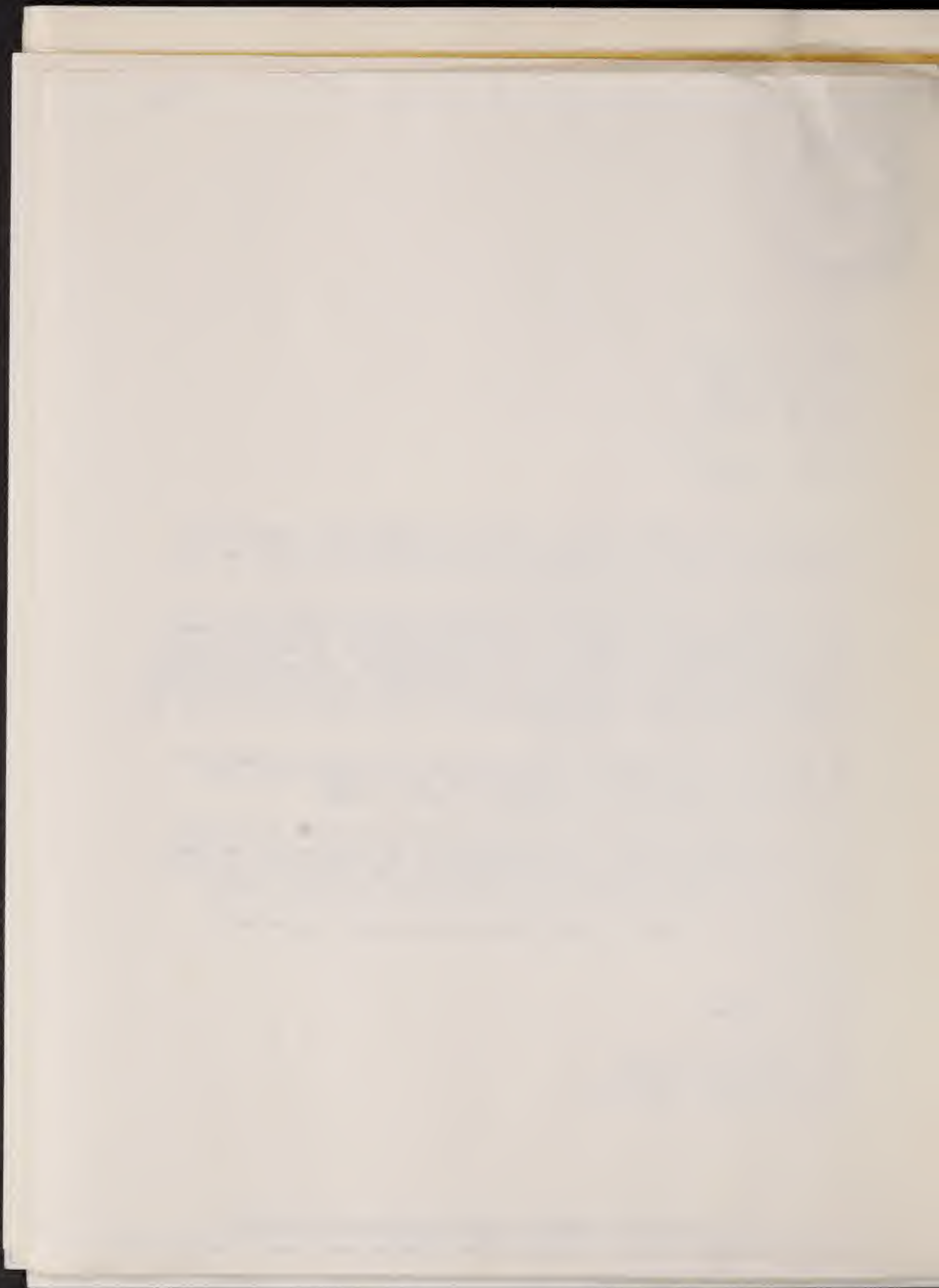
Sincerely,

*B. J. Pocock*

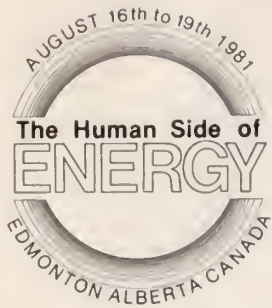
Bonnie Pocock  
Administrative Assistant  
The Human Side of Energy  
Alberta Conference Committee

THE HUMAN SIDE OF ENERGY: ALBERTA CONFERENCE COMMITTEE

C/O THE FACULTY OF EXTENSION CORBETT HALL THE UNIVERSITY OF ALBERTA EDMONTON, ALBERTA T6G 2G4 TELEPHONE (403) 432-3035







April 30, 1981

John Gregory  
6511-124 Street  
Edmonton, Alberta  
T6H 3V4

Dear Mr. Gregory:

Re: The Human Side of Energy -2nd International Forum  
August 16-19, 1981 - University of Alberta, Edmonton

Thank you for your abstract of your presentation entitled "Structural Changes in North American Society, Its Institutions & Its Economy, Resulting from Increasing Energy Conversion Rates". We appreciate your input and interest in becoming involved in our forum.

All abstracts have been submitted to our program committee for their consideration. Final decisions on program papers will be made in mid-May. We will get back to you with further details as soon after that date as possible.

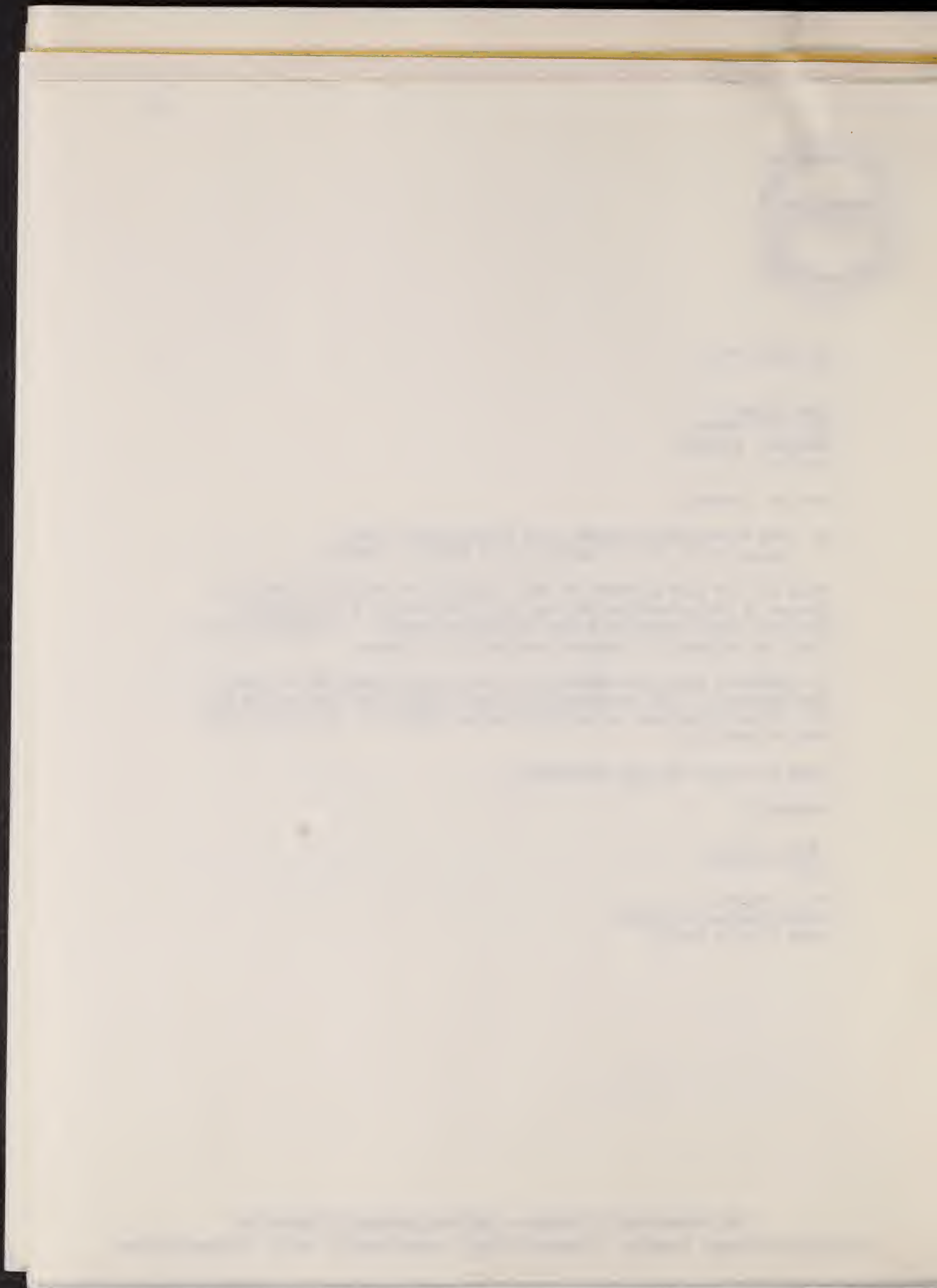
Thank you again for your submission.

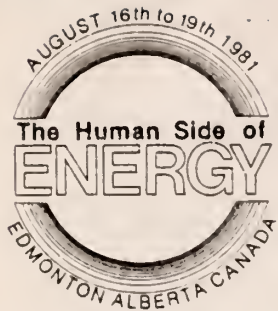
Sincerely,

Bonnie Pocock  
Administrative Assistant  
Human Side of Energy

THE HUMAN SIDE OF ENERGY: ALBERTA CONFERENCE COMMITTEE

C/O THE FACULTY OF EXTENSION CORBETT HALL THE UNIVERSITY OF ALBERTA EDMONTON, ALBERTA T6G 2G4 TELEPHONE (403) 432-3035





April 21, 1981

John Gregory  
6511-124 Street  
Edmonton, Alberta  
T6H 3V4

Dear Mr. Gregory:

Enclosed please find your receipt in the amount of \$60.00 which confirms your registration in The Human Side of Energy 2nd International Forum.

Further details and our final program brochure will be forwarded to you in early June.

Sincerely,

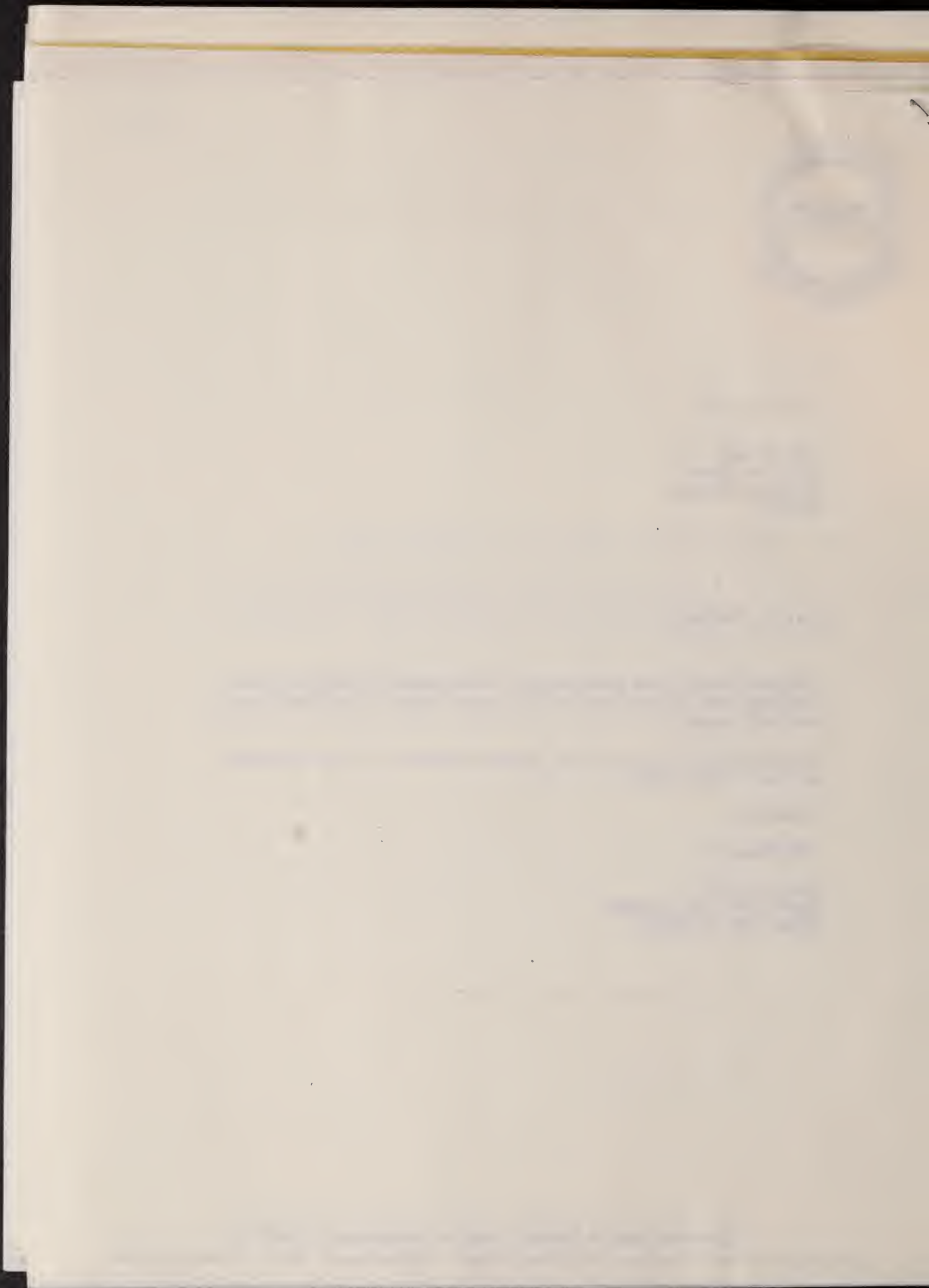
*B Pocock*

Bonnie Pocock  
Administrative Assistant  
Human Side of Energy

THE HUMAN SIDE OF ENERGY: ALBERTA CONFERENCE COMMITTEE

C/O THE FACULTY OF EXTENSION CORBETT HALL THE UNIVERSITY OF ALBERTA EDMONTON, ALBERTA T6G 2G4 TELEPHONE (403) 432-3035





CORBETT HALL  
82 AVE. & 112 ST.  
T6G 2G4  
PH. 432-3116

UNIVERSITY OF ALBERTA

# REGISTRATION FORM

FACULTY OF EXTENSION

NOTE: SEE REVERSE SIDE FOR ALL CODES

36 SURNAME

24 FIRST NAME

26 INITIAL

HOME PHONE



36 HOME ADDRESS

57 CITY

PROVINCE

POSTAL CODE

b 2 BUSINESS FIRM NAME

36 BUSINESS ADDRESS

BUSINESS PHONE

57 CITY

PROVINCE

POSTAL CODE

PHONE EXTENSION

COURSE TITLE

COURSE NO.

FEE

AGE GROUP

EDUCATION COMPLETED:

INVOICE EMPLOYER

HOW DID YOU HEAR OF THIS COURSE?

FEE IN FULL MUST ACCOMPANY REGISTRATION UNLESS EMPLOYER IS TO BE INVOICED.  
REMIT BY CHEQUE OR MONEY ORDER PAYABLE AT PAR TO THE UNIVERSITY OF ALBERTA

DATE

19

SIGNATURE

5

IT IS HEREBY CERTIFIED THAT:

The student named herein was registered in a program at this Educational Institution during the period shown below. The total amount paid and the amount deemed to be deductible by the student for income tax purposes is shown on the front of this form

No part of the amount deductible for income tax was levied in respect of any charges other than fees for tuition, admission, laboratories and diploma

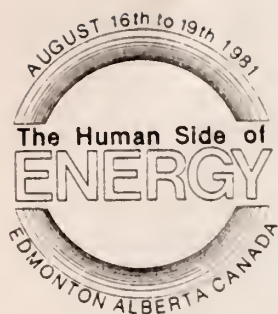
FROM AUG 1 5 19 TO AUG 1 9 1991 19

  
AUTHORIZED SIGNING OFFICER

Faculty of Extension  
University of Alberta  
Corbett Hall  
82 Avenue & 112 Street  
Edmonton, Alberta  
Phone 432-3116

THIS FORM CONSTITUTES YOUR ONLY RECEIPT. PLEASE RETAIN FOR INCOME TAX PURPOSES  
NO APPLICATION FOR REFUND WILL BE CONSIDERED UNLESS ACCOMPANIED BY THIS CLASS  
ADMITTANCE AND INCOME TAX RECEIPT FORM





March 10, 1981

Walter Fryers  
11515 - 39 Avenue  
Edmonton, Alberta  
T6J 0M5

Dear Mr. Fryers:

Your request for further information on the conference "The Human Side of Energy" has been received. Thank you for your interest.

I am enclosing copies of our preliminary registration form and "call for inputs". We do hope we hear from you in one capacity or the other.

Please note we have extended the deadline for presentation "abstracts" to March 31. Abstracts received after that may be considered to complete program streams.

Sincerely,

J.M. McDonald  
Conference Chairman

JMM:11  
Enclosures

THE HUMAN SIDE OF ENERGY: ALBERTA CONFERENCE COMMITTEE

C/O THE FACULTY OF EXTENSION CORBETT HALL THE UNIVERSITY OF ALBERTA EDMONTON, ALBERTA T6G 2G4 TELEPHONE (403) 432-3035

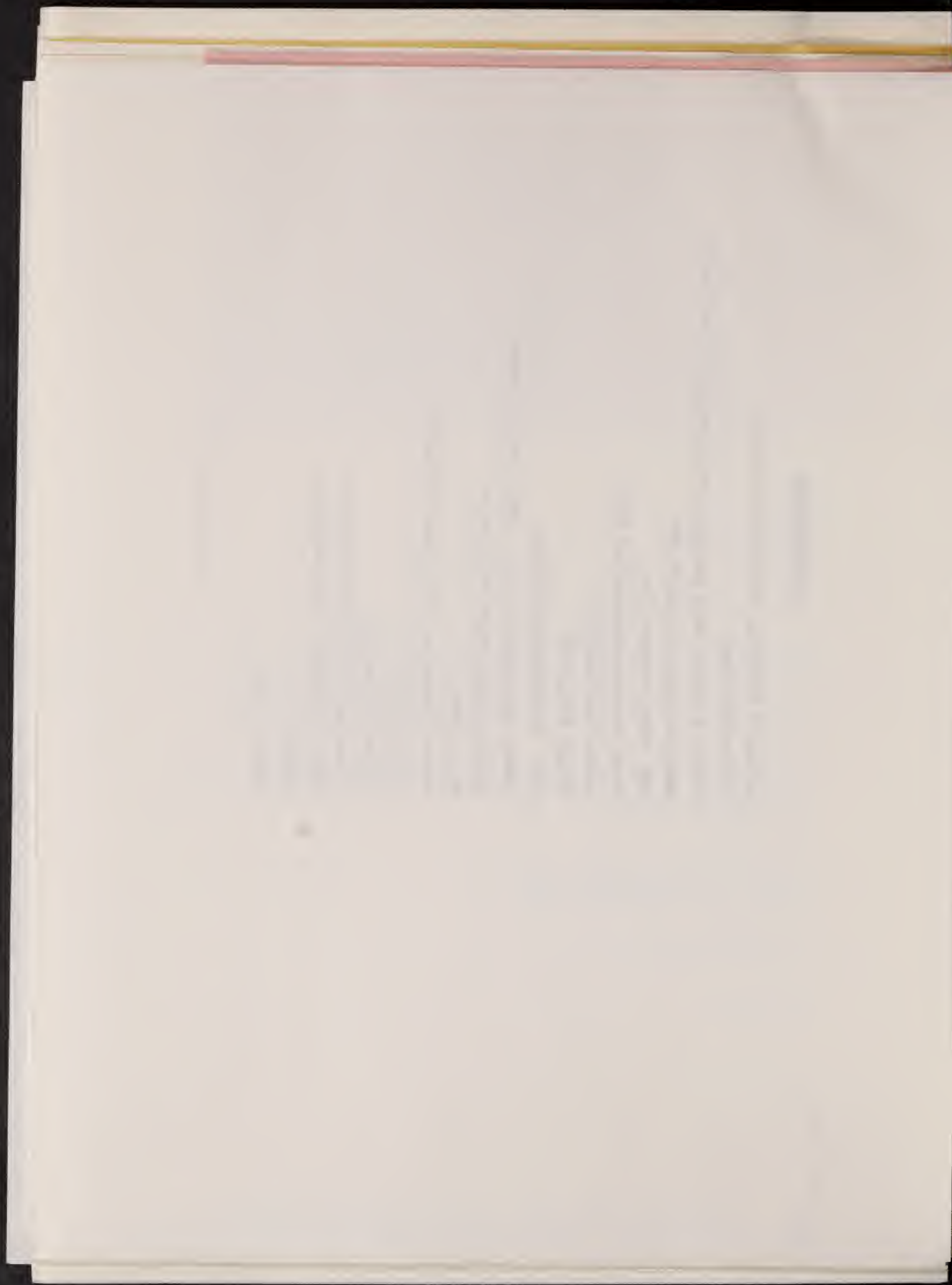


## SPONSORS

Faculty of Extension, University of Alberta  
Alberta Environment  
Alberta Tourism & Small Business - Northern Development Branch  
Aquitaine Company of Canada Ltd.  
Gulf Canada Resources Inc.  
Energy Resources Conservation Board  
Alberta Law Foundation  
Alsands Energy Ltd.  
Nova - An Alberta Corporation  
Alberta Government Services - Public Affairs Bureau  
Canadian Mental Health Association  
Petro-Canada  
Alberta Alcoholism & Drug Abuse Commission  
Alberta Power  
Suncrude Canada Ltd.  
Stanley Associates Engineering Ltd.  
City of Edmonton - Public Relations  
Unifarm  
Bechtel Canada

\*\*\*\*\*





communicate with others, present paper, participate in panel discussion.

**French, Reid**

Socio-Environmental Planning Advisor  
Sask-Oil Ltd 1500 Chateau Tower, 1920  
Broad Street, Regina, Sask. S4P 3C4  
(306)565-7054

*Area of Involvement:* Provide social conscience in energy development  
*Education:* Bach. Planning, Waterloo, Masters in Geography, Regina, Sask.  
*Employment:* Past Asst. Director of Planning for City of Regina, Department of Municipal Affairs.  
*Issues:* Regional impact analysis on small communities

**Fricker, Robert**

President and General Manager  
Business Assistance for Native Albertans Corporation  
11738 Kingsway Avenue, Edmonton, AB T5G 0X5  
(403)454-0744

*Area of Involvement:* Socio-economic Development  
*Education:* B.A. Soc. M.B.A.  
*Employment:* President, BANAC  
*Experience:* Manager, Socio-economic Affairs, Esso Resources 1977-81, Business Assistance to Native Albertans Corporation, 1981-present.  
*Issues:* Economic development for native people, impact on native people of industrial development.

**Fryers, Walter**

Organizer Unit A R011353  
Technocracy Inc.  
9203S - 112 Street, Edmonton, Ab T5G 2C5  
(403)432-0344

*Area of Involvement:* long term effects of high energy conversion rates on society  
*Education:* B. Sc.  
*Employment:* Retired, meteorological services of Gov't of Canada  
*Experience:* 45 years experience in education and research, re: the application of science to society  
*Resources You Have To Share:* Presentor  
*Issues:* present problems and future solutions to the long term effects of high energy application on our society.

**Fulford, Julia**

Assistant Environmental Planner  
Fording Coal Ltd.  
128A - 8 Avenue, S.W., Calgary, Ab. T2P 1B3  
(403)287-2405

*Area of Involvement:* social community planning  
*Education:* BSc University of Calgary  
*Employment:* Alberta Environment - public participation coordinator  
*Resources You Have To Share:* Shaughnessy project near Lethbridge and others  
*Issues:* community input into energy involvement - how much? How to get involved?

**Fuller, Stephan**

President  
Cordillera Environmental Projects Ltd  
Box 46254, Station G., Vancouver, B.C. V6R 4G6  
(604)754-7603 (Res)

*Area of Involvement:* Environmental management consulting, Environmental Impact Assessment, Environmental Conflict Resolution  
*Education:* BSc. Environment Physics, Environment Management, Graduate Work.  
*Employment:* Private consulting and government contractual work.  
*Experience:* Artic & Alpine Environments, Energy Development Planning and Impact Assessment, Watershed Management, public participation methods, native groups  
*Resources You Have To Share:* Interest and some experience in community based impact assessment methods (Rural communities)  
*Issues:* Environmental conflict resolution techniques and public participation methods

**Ghostkeeper, Elmer**

President  
Federation of Metis Settlements  
10172 - 117 Street, Edmonton, AB T5K 1X3  
(403)482-6894

*Area of Involvement:* Metis people  
*Education:* B.A., University of Alberta  
*Employment:* 1980 - President, Federation of Metis Settlements; 1977-79 - Summer employment, civil engineering technology, EPEC Consulting Western Ltd.; 1974-77 - Farmer, Paddle Prairie Metis Settlement  
*Resources You Have to Share:* Federation pamphlet.

**Gibbard, Paul**

Summer Student  
Gulf Canada Resources  
Box 130, Calgary, AB. T2P 2H7  
(403)233-5286

*Area of Involvement:* Native groups, public participation, social impact assessment.





SESSION 5 TUESDAY, AUGUST 18th, 1981

9:00 a.m. - 10:15 a.m.

<p>RECREATION/LEISURE: Room 2-14</p> <p>Chair: Lynn McNeil Strong, Hall &amp; Associates</p> <ul style="list-style-type: none"> <li>• <i>The demands of energy developments on the planning and supply of recreation facilities</i> David C. Smith University of Western Ontario</li> <li>• <i>The use of local communities for leisure time activities by Energy Dev. Employees</i> Dick Butler University of Western Ontario</li> <li>• <i>Acid Precipitation &amp; Rec. Land</i> Dennis Richter, Univ. of Wisc.</li> </ul>	<p>RESOURCE DEVELOPMENT CASE STUDIES Room 2-7</p> <p>Chair: John Shires Alberta Environment</p> <ul style="list-style-type: none"> <li>• <i>Community impact report Chief Joseph Dam, Washington</i> Arthur Harnisch Dept. of Army, Seattle</li> <li>• <i>The Northern Grid: a case study of energy development for northern communities</i> Don Grant Sask Power Corp. Des Connor Connor Dev. Services Ltd.</li> </ul>
<p>RESOURCE DEVELOPMENT CASE STUDIES Room 2-11</p> <p>Chair: Rick Sloan Northern Development Branch</p> <ul style="list-style-type: none"> <li>• <i>Mossmorran Fife Scotland</i> Anne Haggart Technical University, Nova Scotia</li> <li>• <i>Levers of change in large energy projects</i> Janet A.R. Kinley Intergroup Winnipeg</li> </ul>	<p>PLANNING Room: Lecture 3</p> <p>Chair: Michael Waterhouse Gulf Canada Resources Inc.</p> <ul style="list-style-type: none"> <li>• <i>Human Resources Planning as Municipal Energy Management</i> L. Seaman Square One Management Ottawa</li> <li>• <i>Planning Considering Energy</i> B. Clark T. MacDougall Alta. Assoc. Canadian Institute of Planners Edmonton</li> </ul>

SESSION 5 cont'd.

<p>IMPACT ON NATIVES Room: Lecture 2</p> <p>Chair: Pat Merceredi Athabasca Tribal Association</p> <ul style="list-style-type: none"> <li>• <i>Impact of energy development projects on Native Communities</i> Elmer Ghostkeeper Federation of Metis Settlements Edmonton</li> <li>• <i>Impact of energy development on native groups</i> John Brook J &amp; J Brook, Calgary</li> </ul>	<p>ALTERNATIVE LIFE STYLE: Room 2-21</p> <p>Chair: Ike Glick Co-West Assoc.</p> <ul style="list-style-type: none"> <li>• <i>Energy conservation and alternative energy use as lifestyle value choices</i> Michael Edelstein Ramapo College of New Jersey</li> <li>• <i>Energy conservation: its rationale implementation and implications</i> John Hughes Passive Solar Designs Edmonton</li> </ul>
<p>SOCIAL SERVICES &amp; INFRASTRUCTURE Room: Lecture 4</p> <p>Chair: Bev Fedorak Community Services Fort McMurray</p> <ul style="list-style-type: none"> <li>• <i>Energy development in corporate provision of housing and community infrastructure</i> Craig Aronson Battelle Human Affairs Research Centers, Seattle</li> <li>• <i>Thinking about social services in the light of Hibernia</i> Victor Thompson Memorial University, Nfld</li> </ul>	<p>ALTERNATIVE ENERGY Room 2-22</p> <p>Chair: Carey Johannesson Gulf Canada Resources Inc.</p> <ul style="list-style-type: none"> <li>• <i>Energy self-sufficiency who gives a microwatt?</i> William Wood University of Hawaii</li> <li>• <i>Solar age: past, present and future</i> Baron Fowler Prairie Solar Systems, Edmonton</li> <li>• <i>The effects of increasing conservation rates</i> Walter Fryers, Tech. Inc. Edmonton</li> </ul>





NETWORK DIRECTORY: Forum organizers are attempting to catalogue the interests and experiences of Forum participants. *These summaries of participants' backgrounds and interests will be collected in a Network Directory and distributed prior to the Forum.* Facilitators, in workshop sessions, will encourage the mutual sharing of these experiences and interests among participants. Please complete the following to aid in the compilation of the Network Directory:

AREA OF INVOLVEMENT: \_\_\_\_\_

BACKGROUND: (relative to conference theme)

Education \_\_\_\_\_

Employment \_\_\_\_\_

Experience \_\_\_\_\_

RESOURCES YOU HAVE TO SHARE: \_\_\_\_\_

ISSUES YOU HOPE TO DISCUSS RESOLVE AT THIS FORUM: \_\_\_\_\_

**ACCOMMODATION**

Accommodation has been reserved for out-of-town participants at:

The TERRACE INN — \$45.00/room/night, single or double occupancy (\$12.00/each additional person sharing room). You must apply directly to the Terrace Inn for reservations at 4440 Calgary Trail North, Edmonton, Alberta, T6H 9Z9. A registration form is enclosed for your convenience. Please contact the Terrace Inn prior to the conference to confirm your reservation. Call (403) 437-6010 or toll free 1-800-661-6466.

LISTER HALL, UNIVERSITY OF ALBERTA CAMPUS — \$15.00/room/night for single accommodation; \$20.00/room/night for twin accommodation. This is the University residence and is within walking distance of the program sessions. Again, application should be made directly to Lister Hall at the Conference Office, Department of Housing and Food Services, University of Alberta, 44 Lister Hall, 87 Avenue and 116 Street, Edmonton, Alberta, T6G 2H6. Enquiries can be made by telephone: (403) 432-4281. A registration form is enclosed.

\*\*Sponsorships are available for a limited number of registrants to cover any of the following expenses: the registration fee, accommodation, and meals. Rooms provided under this plan will be in Lister Hall with meals taken in the Lister Hall Complex or at the Students' Union Building. Please contact Marilyn Fieger at the address indicated below if you wish to take advantage of this special service or call (403) 432-5052.

**REFUND POLICY**

Requests for refunds will not be considered unless written notice is received by the Faculty no later than one week before the commencement of the conference. A \$10.00 fee will be withheld to cover costs involved in registration and refund.

Requests for refund must be IN WRITING and accompanied by the fee receipt. Any telephone conversation advising of withdrawal must be followed by written confirmation.

Non-attendance does not constitute notice of withdrawal.

A withdrawing student may send a substitute.

For further information, contact:

**THE HUMAN SIDE OF ENERGY:  
ALBERTA CONFERENCE COMMITTEE  
C/O THE FACULTY OF EXTENSION  
THE UNIVERSITY OF ALBERTA  
CORBETT HALL  
EDMONTON, ALBERTA  
T6G 2G4  
TELEPHONE: (403) 432-3035**

**THE HUMAN SIDE  
OF ENERGY**



**2nd International Forum**

**Human Side of Energy:  
Alberta Conference Committee  
Faculty of Extension  
The University of Alberta**



### AN INVITATION

You are invited to attend the 2nd International Forum on the Human Side of Energy, to be held at The University of Alberta, August 16 - 19, 1981. The goal of this Forum is to increase participant awareness and understanding of the potential positive and negative impacts of resource development upon communities. Increased awareness and understanding should promote quality planning, management and decision making on the part of communities, governments and developers.

Specific objectives are:

- To encourage individuals to document and communicate their knowledge, experience, or research into the impact of energy development on human communities.
- To bring together available information and resources regarding the impact of energy development on human communities.
- To share resources and experiences regarding the impact of energy development through discussion and dialogue.
- To seek planning and development approaches that lead to successful developments maximizing benefits to communities and developers.
- To share information and ideas regarding the impact of energy development through the preparation and distribution of materials and resources.

### PROGRAM FORMAT

A varied format is being developed which will include a keynote address, the presentation of formal papers, panel discussions, workshops sessions, community presentations, informal dialogue sessions, community theatre, and field trips. The program is specifically designed to encourage individual involvement and participation. All sessions will be held on The University of Alberta Campus.

### WHO SHOULD ATTEND?

Community residents, educators, and representatives of government and industry are encouraged to attend. This is your opportunity to be involved in a unique and exciting exchange of ideas, information, experiences, and research regarding the obvious and not so obvious effects of energy development upon people, their lifestyles, and communities.

### REQUEST FOR INPUT

The planning committee invites your proposals for input around the following issues:

- The Impact of Energy Development on Social Institutions (e.g. The Family, The Church, Social Services, The Legal System)
- The Impact of Energy Development or, Vulnerable Groups (e.g. Children, The Elderly, Farmers, Native Groups, Women)
- Social/Psychological/Cultural Impacts (e.g. Mental Health, Alcoholism, Crime, Child Abuse)
- Planning and Policy Issues (e.g. The Government Industry Community Interface in Planning and Impact Management, Intergovernmental Co-operation, The True Costs of Development)
- Energy and the Future (e.g. Alternative Energy Systems, Tools and Techniques for Coping)

Remember, we are looking for a wide range of proposals in a variety of presentation methods. You need not restrict yourself to the topics or methods listed above. Individuals, resource companies, government representatives, and community groups interested in making a presentation are asked to submit an abstract of their proposal to the Alberta Conference Committee of the Human Side of Energy by March 31, 1981.

### PRE-REGISTRATION INFORMATION

To pre-register, complete the enclosed registration form and mail to: The Human Side of Energy, Faculty of Extension, The University of Alberta, Edmonton, Alberta, Canada, T6G 2G4. The registration fee is \$60.00. You may pay by cheque or we would be pleased to invoice your employer. Please make cheques payable to THE UNIVERSITY OF ALBERTA. Brochures with program details will be available in May, 1981.

Registration Deadline: July 15, 1981

Participants should plan to arrive on Sunday evening, August 16, 1981 and attend an informal social gathering designed to allow you to meet participants and initiate the Forum process. Program sessions will commence 9:00 a.m., Monday morning and conclude at 12:00 Noon, Wednesday, August 19, 1981. Tours and field trips may be scheduled prior to the official start of the Forum. Information on these will be forthcoming.

### PRE-REGISTRATION FORM THE HUMAN SIDE OF ENERGY August 16 - 19, 1981

NAME: \_\_\_\_\_

(As you wish it to appear in the Network Directory)

PREFERRED NAME BY WHICH YOU ARE KNOWN: \_\_\_\_\_

(For your name tag)

HOME ADDRESS: \_\_\_\_\_

Postal Code \_\_\_\_\_

TELEPHONE: Work \_\_\_\_\_

Home \_\_\_\_\_

POSITION: \_\_\_\_\_

COMMUNITY, EMPLOYER OR ORGANIZATION  
YOU ARE REPRESENTING: \_\_\_\_\_

BUSINESS ADDRESS: \_\_\_\_\_

Postal Code \_\_\_\_\_

REGISTRATION FEE: \$60.00

☐ Fee Enclosed

☐ Invoice Employer

\*\* If your employer is to be invoiced, please include a letter of authorization or a purchase order number with your registration form.

DATE: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_



**PROGRAM**





## **SPONSORS**

Faculty of Extension, University of Alberta

Alberta Environment

Alberta Tourism & Small Business - Northern Development Branch

Aquitaine Company of Canada Ltd.

Gulf Canada Resources Inc.

Energy Resources Conservation Board

Alberta Law Foundation

Alsands Energy Ltd.

Nova - An Alberta Corporation

Alberta Government Services - Public Affairs Bureau

Canadian Mental Health Association

Petro-Canada

Alberta Alcoholism & Drug Abuse Commission

Alberta Power

Synchrude Canada Ltd.

Stanley Associates Engineering Ltd.

City of Edmonton - Public Relations

Unifarm

Bechtel Canada

\*\*\*\*\*

## ANNOUNCEMENTS

### • BUSES

*Buses will travel between Terrace Inn and the Humanities Centre (HC) daily. The schedule is:*

*\*Terrace Inn to  
Humanities Centre:*

*7:45 a.m.  
8:00 a.m.  
8:15 a.m.*

*\*Humanities Centre to  
Terrace Inn:*

*5:10 p.m.  
5:20 p.m.  
5:45 p.m.*

### • SESSIONS

*\*All sessions will be held at the Humanities Centre, The University of Alberta (just off Saskatchewan Drive)*

*\*Plenary Sessions will take place at the Tory Turtle Theatre, TL-11 unless otherwise stated.*

### • COFFEE BREAKS

*(All coffee breaks will last 15 minutes)*

*\*Coffee and juice will be available at 10:30 a.m. and 3:00 p.m. on the first and second floors of the Humanities Centre.*

### • LUNCH

*(You are on your own)*

*\*On-Campus suggestions: HUB, CAB, LISTER HALL*

*\*Off-Campus suggestions: THE LIBRARY, MY SECOND HOME,  
MR. MIKE'S, AVENUE PIZZA*

*(These are all close by. Reservations advised for first two)*

### • SPECIAL EVENTS

*\*Registration: Sunday, August 16th; 7:00 - 10:00 p.m.  
Cash Bar, Terrace Inn, Ballroom "C"; buses*

*\*Faculty Club: Monday, August 17th; 7:30 - 11:00 p.m.  
Chance to get together--cash bar  
Buses leave Terrace Inn and will return you  
in one piece. See times in the Information  
Centre.*

*\*Buffet: Tuesday, August 18th Lister Hall, with Catalyst  
Theatre. Please purchase tickets at Registra-  
tion Desk by Monday, 9:00 a.m. Buses will be  
available.*

*\*\*7:00 p.m. - Cocktails*

*\*\*8:00 p.m. - Dinner*

### • EMERGENCY HEALTH CARE

*\*University Health Services (432-2612)*

*\*University Hospital - Emergency*

## RESOURCES

- NETWORK DIRECTORY - *A satisfying aspect of attending a conference is the opportunity to share one's experiences and interests. We hope to assist you in this process by providing a "network directory", a collection of participants' interests, experiences and background.*
- LIVE AT THE FORUM - *The forum newspaper will provide a daily up-date with who's who and what's happening. Watch for it every morning at Lister Hall, the Terrace Inn and the Humanities Centre.*
- RESOURCE & INFORMATION CENTRE - *Room HC 1-7*

*Have a question? Looking for a particular resource? Visit the Resource & Information Centre. You will find helpful conference staff, displays, films, supplies and order forms for papers that are being presented.*

- FORUM FACILITATORS - *A corps of facilitators is available to assist you in meeting with other delegates who share your interests and experiences. Facilitators can be recognized by their blue ribbons or found at the Resource & Information Centre. They can help you convene breakaway sessions, find the resources you need, and ensure your deliberations are fed into the forum proceedings.*
- MEDIA ROOM - *Room HC 1-3*  
*Headquarters for LIVE AT THE FORUM, Capital Cable and the Campus Radio and T.V., the Media Room is the communications hub of the Forum. The forum is being recorded and telecast on an Edmonton community television station.*
- PROCEEDINGS - *A compilation of abstracts of the presentations together with a summary of the issues and recommendations will be sent to participants after the forum is over.*



## THE PROGRAM

### THE STRUCTURED PROGRAM

*The Forum program addresses five major topic areas:*

- *the psychological/cultural impacts of energy development*
- *impact of energy development on social institutions*
- *impact of energy development on vulnerable groups*
- *planning and policy issues related to energy development*
- *energy and the future*

*There are three components:*

- *a process that begins with issue identification along the major topic areas and ends with a solution overview session that will try to provide some answers to the issues.*
- *a "trialogue" will be the discussion forum between the three major actors in energy developments - communities, industry and government.*
- *"state of the art" sessions.*

*Each edition of LIVE AT THE FORUM will provide an agenda overview.*

### THE BREAKAWAY SESSIONS

- *Beyond the structured program, Forum resources have been allocated for breakaway sessions. These sessions are intended to provide delegates with the opportunity to extend discussion beyond the formal program and to meet with the other delegates on a more informal basis.*
- *Breakaway sessions could be elaborations on papers presented, special interest group meetings, workshops, or an opportunity for exploring action. The format of Breakaways is up to you!*
- *If you want to convene a Breakaway session contact a Forum Facilitator through the Resource & Information Centre. If you wish to attend a Breakaway session visit the Resource & Information Centre, watch the newspaper or check the Breakaway rooms (room numbers 2-29, 2-30, 2-33, and 2-34).*

## MONDAY, AUGUST 17th, 1981

REGISTRATION: *Foyer, Humanities Centre*  
*The University of Alberta*  
 8:00 a.m. - 8:45 a.m.

**SESSION 1**      *PLENARY SESSION*      - *Room TL-11 Tory Turtle*  
                          *INTRODUCTIONS*      - *His Worship the Mayor Cec Purves*  
 9:00 - 10:30 a.m.      - *President M. Horowitz, U. of A.*  
                          *KEYNOTE SPEAKER*      - *HON. JUSTICE T.R. BERGER*  
                          *TITLE -*      - *THE HUMAN SIDE OF DEVELOPMENT*  
 10:30 - 10:45 a.m.      *COFFEE*      (*Humanities Centre*) - *1st and 2nd Levels*

**SESSION 2**      - *Room TL-11 Tory Turtle*  
 10:45 - 12:00 noon      *ISSUE IDENTIFICATION AND OVERVIEW*  
                          *Concurrent sessions covering four (4)*  
                          *major topic areas will discuss issues*  
                          *as a prelude to Wednesday morning's*  
                          *solution's overview session.*

THEME	SESSION LEADER	RESOURCES	ROOM # (Hum. Centre)
<i>Psychological/Cultural Impacts of Energy Development</i>	RICHARD ROBERTS Praxis, Calgary	Tom Bougsty Ike Glick	Lecture 1
<i>Impact of Energy Development on Vulnerable Groups</i>	BETSY MOEN Univ. of Colorado Boulder	Pat Mercredi Sharon Larson Diane Ellis	Lecture 2
<i>Impact of Energy Development on Social Institutions</i>	JUDITH DAVENPORT Univ. of Wyoming Laramie	Craig Aronson Victor Thompson	Lecture 3
<i>Energy and the Future</i>	HUEY JOHNSON, SEC. State Resources Agency, California	Arni Fullerton Dixon Thompson	Lecture 4

**SESSION 3 MONDAY, AUGUST 17th, 1981**

**1:30 p.m. - 3:00 p.m.**

<p>PLANNING OF IMPACTS Room 2-7</p> <p>Chair: Jack Sklofsky CPM Planning Services Ltd.</p> <p><i>Decision-making Model on Planning</i></p> <ul style="list-style-type: none"> <li>• <i>Impact of Megaprojects on Small Communities</i> Lynne Dale Alberta Municipal Affairs</li> <li>• <i>Regional Planning: Adapting to Turbulence in the Canadian Energy System</i> Michael Waterhouse Gulf Canada Resources Inc. Calgary</li> </ul>	<p>MENTAL HEALTH SERVICE PLANNING Room 2-14</p> <p><i>A Model for Mental Health Service Planning in Energy Impacted Communities</i></p> <p>Tom Bougsty Prudy Marshall Lael Good SE Wyoming Mental Health Centre Inc.</p>
<p>ENERGY FUTURES - DESIGN Room: Lecture 3</p> <p>Chair: Gordon Young Northeast Alberta Region Commission</p> <ul style="list-style-type: none"> <li>• <i>Planning for Energy Efficient Cities</i> Mike Corbett Davis, California</li> <li>• <i>Energy Conservation and Community Planning</i> John McLaughlin Ken McDonald Assocs. Ltd. Edmonton</li> </ul>	<p>ENERGY FUTURES - ACTIVISM Room: Lecture 2</p> <p>Chair: Gary Willson G.W. Assocs. Consulting</p> <ul style="list-style-type: none"> <li>• <i>Energy Needs of the Future</i> Rick Lundrigan ENCR</li> <li>• <i>Alternative Energy Opportunities for Farmers</i> John Kolkman Christian Farmers Federation Edmonton</li> </ul>

COFFEE 3:00 p.m. - 3:15 p.m.



### SESSION 3 cont'd.

<p>FORT McMURRAY CASE STUDY Room: Lecture 4</p>	<p>VULNERABLE GROUPS Room 2-21</p>
<p><i>The effects of two boom periods on Fort McMurray</i></p> <ul style="list-style-type: none"> <li>• Don Fleming Social Services and Community Health, Fort McMurray</li> <li>• Sheila Bloxham Public Health Unit Fort McMurray</li> <li>• Brian Gifford Northern Development Branch Peace River</li> <li>• Bev Fedorak Lyn Bryant City of Fort McMurray</li> </ul>	<p>Chair: Bev Zubot Edmonton Social Planning Council</p> <ul style="list-style-type: none"> <li>• <i>Programming for alcohol and drug abuse</i> Leonard Blumenthal AADAC, Edmonton</li> <li>• <i>Sexual Violence</i> Marie Laing Sexual Assault Centre of Edmonton</li> </ul>
<p>ENERGY EDUCATION AND THE FUTURE (PANEL) Room 2-11</p>	<p>AGE AND ENERGY Room 2-22</p>
<p>Chair: Bob Bott Energy Magazine, Edmonton</p> <ul style="list-style-type: none"> <li>• John C. Miller Minnesota</li> <li>• Hugh Phillips SEEDS Foundation, Edmonton</li> <li>• Dan Stoker Alberta Energy and Natural Resources</li> </ul>	<p>Chair: Eugene Dextrase High Level</p> <ul style="list-style-type: none"> <li>• <i>Age and the Crisis of Resource Deprivation</i> Susan Merkley Purdue University, Indiana</li> <li>• <i>Energy</i> Sharon Larson Human Development Services Denver</li> </ul>

On 1st and 2nd Floors  
Humanities Centre

SESSION 4 MONDAY, AUGUST 17th, 1981

3:15 p.m. - 5:00 p.m.

Room: Lecture 4	SOCIO-ECONOMIC IMPACT STUDIES Room 2-21
Fort McMurray Continues	<p>Chair: Mary Shavaliar Alberta Environment</p> <ul style="list-style-type: none"> <li>• <i>Montana strip mining</i> Wes Chapman</li> <li>• <i>A pilot socioeconomic survey of the impact area of energy related industries proposed for Monogalia County, West Virginia</i> Nancy Stout-Wiegard West Virginia University</li> </ul>
ALTERNATIVE ENERGY Room 2-14	WOMEN AND ENERGY DEVELOPMENT Room 2-7 (PANEL)
<p>Chair: Brian Staszewski A.W.A.</p> <ul style="list-style-type: none"> <li>• J.D. Martin Lakehead University, Thunder Bay</li> <li>• <i>Energy Efficiency Beyond Technology</i> Andy Rudin New York</li> </ul>	<ul style="list-style-type: none"> <li>• <i>Energy development and social institutions: community research from the perspective of women in northern communities</i> Diana Ellis Helga E. Jacobson Jan Barnsley Women's Research Centre, Vancouver</li> <li>Eleanor Summer, Fort Nelson</li> <li>Debra Dungey, Whitehorse</li> </ul>

# SESSION 4 cont'd.

<p>TRAINING Room: Lecture 3</p>	<p>ENERGY AND HUMAN VALUES Room 2-11</p>
<p>Chair: Kerry Lowe Alberta Environment</p> <ul style="list-style-type: none"> <li>• <i>Human resources</i> E.M. Franzoni, Edmonton</li> <li>• <i>Shortterm community education/ training for communities</i> Gary Smith James Madison University, VA</li> <li>• <i>Gusty Wyoming</i> <i>A simulation game for boomtown human service personnel</i> Joe/Judy Davenport University of Wyoming, Laramie</li> </ul>	<p>Chair: Drew Lamont Alberta Environment</p> <ul style="list-style-type: none"> <li>• <i>Accommodation with conflict: ethical and value issues in energy developments</i> Raymond Gold, Social Research &amp; Applications, Missoula</li> <li>• <i>Boomtowns: a quest for well- being</i> Ike Glick, Edmonton</li> <li>• <i>Energy development and the American dream</i> John Opie, National Humanities Center, Research Triangle Park</li> </ul>
<p>RESOURCE CONSERVATION Room 2-22</p>	<p>ENERGY FUTURES - PLANNING Room: Lecture 2</p>
<p>Chair: Steve Tyler Energy &amp; Natural Resources</p> <ul style="list-style-type: none"> <li>• <i>Psychological perspectives on personal resource conservation</i> Keith Neuman University of California Irvine</li> <li>• <i>Human implications of energy conservation measures</i> Bill Ross University of Calgary</li> </ul>	<p>Chair: Brent Hegadoren Alberta Environment</p> <ul style="list-style-type: none"> <li>• <i>Small is not necessarily better - but it just might work</i> Bob Bott Energy Magazine, Calgary</li> <li>• <i>Planning for alternative energy paths</i> Dixon Thompson University of Calgary</li> <li>• <i>Making great things happen</i> Arni Fullerton Creston, B.C.</li> </ul>



[illegible][illegible][illegible][illegible]

If you have decided  
is not answering some  
questions you wanted to  
come and see a face  
resource and inform  
Breakaway sessions  
by you and the form  
to accommodate you

\*\*\*\*\*

**TUESDAY**

18th August 1981

8:30 a.m. -  
9:00 a.m.

*PLENARY SESSION - an opportunity to exchange  
information on any changes in direction or  
content of the forum*

*HUMANITIES CENTRE - LECTURE THEATRE 1*

- *Review of the day's highlights.*
- *Housekeeping Matters*
- *Reports from Breakaway Sessions  
(if any)*

that this forum  
me of the ques-  
have answered,  
litator in the  
ation center.  
can be set up  
on facilitators  
needs.

SESSION 5 TUESDAY, AUGUST 18th, 1981

9:00 a.m. - 10:15 a.m.

<p>RECREATION/LEISURE Room 2-14</p> <p>Chair: Lynn McNeil Strong, Hall &amp; Associates</p> <ul style="list-style-type: none"> <li>• <i>The demands of energy developments on the planning and supply of recreation facilities</i> David C. Smith University of Western Ontario</li> <li>• <i>The use of local communities for leisure time activities by Energy Dev. Employees</i> Dick Butler University of Western Ontario</li> <li>• <i>Acid Precipitation &amp; Rec. Land</i> Dennis Richter, Univ. of Wisc.</li> </ul>	<p>RESOURCE DEVELOPMENT CASE STUDIES Room 2-7</p> <p>Chair: John Shires Alberta Environment</p> <ul style="list-style-type: none"> <li>• <i>Community impact report Chief Joseph Dam, Washington</i> Arthur Harnisch Dept. of Army, Seattle</li> <li>• <i>The Northern Grid: a case study of energy development for northern communities</i> Don Grant Sask Power Corp. Des Connor Connor Dev. Services Ltd.</li> </ul>
<p>RESOURCE DEVELOPMENT CASE STUDIES Room 2-11</p> <p>Chair: Rick Sloan Northern Development Branch</p> <ul style="list-style-type: none"> <li>• <i>Mossmorran Fife Scotland</i> Anne Haggart Technical University, Nova Scotia</li> <li>• <i>Levers of change in large energy projects</i> Janet A.R. Kinley Intergroup Winnipeg</li> </ul>	<p>PLANNING Room: Lecture 3</p> <p>Chair: Michael Waterhouse Gulf Canada Resources Inc.</p> <ul style="list-style-type: none"> <li>• <i>Human Resources Planning as Municipal Energy Management</i> L. Seaman Square One Management Ottawa</li> <li>• <i>Planning Considering Energy</i> B. Clark T. MacDougall Alta. Assoc. Canadian Institute of Planners Edmonton</li> </ul>



## SESSION 5 cont'd.

<p>IMPACT ON NATIVES Room: Lecture 2</p>	<p>ALTERNATIVE LIFE STYLE Room 2-21</p>
<p>Chair: Pat Mercredi Athabasca Tribal Association</p> <ul style="list-style-type: none"> <li>• <i>Impact of energy development projects on Native Communities</i> Elmer Ghostkeeper Federation of Metis Settlements Edmonton</li> <li>• <i>Impact of energy development on native groups</i> John Brook J &amp; J Brook, Calgary</li> </ul>	<p>Chair: Ike Glick Co-West Assoc.</p> <ul style="list-style-type: none"> <li>• <i>Energy conservation and alternate energy use as lifestyle value choices</i> Michael Edelstein Ramapo College of New Jersey</li> <li>• <i>Energy conservation: its rationale implementation and implications</i> John Hughes Passive Solar Designs Edmonton</li> </ul>
<p>SOCIAL SERVICES &amp; INFRASTRUCTURE Room: Lecture 4</p>	<p>ALTERNATIVE ENERGY Room 2-22</p>
<p>Chair: Bev Fedorak Community Services Fort McMurray</p> <ul style="list-style-type: none"> <li>• <i>Energy development in corporate provision of housing and community infrastructure</i> Craig Aronson Battelle Human Affairs Research Centers, Seattle</li> <li>• <i>Thinking about social services in the light of Hibernia</i> Victor Thompson Memorial University, Nfld</li> </ul>	<p>Chair: Carey Johannesson Gulf Canada Resources Inc.</p> <ul style="list-style-type: none"> <li>• <i>Energy self-sufficiency who gives a microwatt?</i> William Wood University of Hawaii</li> <li>• <i>Solar age: past, present and future</i> Baron Fowler Prairie Solar Systems, Edmonton</li> <li>• <i>The effects of increasing conservation rates</i> Walter Fryers, Tech. Inc. Edmonton</li> </ul>

# SESSION 6 INTERFACE SESSIONS PANELS

TUESDAY 10:30 a.m. - 12:00 p.m.

<p>INDUSTRY/GOVERNMENT Room: Lecture 4</p> <p>Chair: Pat Ruby Strong Hall and Assocs.</p> <ul style="list-style-type: none"> <li>• Preston Manning Manning Consultants, Edmonton</li> <li>• K.R. Smith Alberta Environment, Edmonton</li> <li>• Millard Wright Gulf Canada Resources Inc. Calgary</li> </ul>	<p>FROM ADVOCACY TO INDUSTRY (PANEL) Room: Lecture 3</p> <ul style="list-style-type: none"> <li>• Brian Plesuk Carey Johannesson Gulf Canada Resources Inc. Calgary</li> <li>• Darlene Varaleau B.C. Hydro Cache Creek</li> </ul> <p><i>REACTION PANEL:</i></p> <ul style="list-style-type: none"> <li>• Randy Gossen Esso Resources Calgary</li> <li>• Don Appleby Medley, Alberta</li> </ul>
<p>COMMUNITY/INDUSTRY WORKSHOP Room 2-7</p> <ul style="list-style-type: none"> <li>• Jim Hainsworth George Friesen Preserve Agricultural Land Group Central Alberta</li> </ul>	<p>COMMUNITY/GOVERNMENT Room Lecture 2</p> <p>Chair: Merril McDonald Faculty of Extension</p> <p><i>The Grande Prairie Community Study</i></p> <ul style="list-style-type: none"> <li>• John Shannon Northern Development Branch Peace River</li> <li>• Paul Conway Carcajou Research, Edmonton</li> <li>• Chris Anderson • Mary Clarkson United Way F.C.S.S. Grande Prairie</li> </ul>

**SESSION 7 TUESDAY**

**1:30 p.m. - 3:00 p.m.**

1:30 - 3:00 p.m. *PLENARY SESSION*

*COPING WITH THE PROBLEM - Room TL11*  
*Tory Turtle*

*CHAIRPERSON - ED R. BRUSHETT*  
*Energy Resources*  
*Conservation Board*  
*Calgary*

*PANEL MEMBERS - KEN R. SMITH*  
*Environmental Assessment Division*  
*Alberta Environment*

*- ELMER KURE*  
*Alberta Fish & Game Association*

*- ELISE LAVIGNE-BRUCHET*  
*Gulf Canada Resources*

3:00 - 3:15 p.m. *COFFEE (on both first and second floors,*  
*Humanities Centre)*



## SESSION 8 STATE OF THE ART

TUESDAY, AUGUST 18th, 1981 3:15 p.m. - 5:00 p.m.

<p>EIA/SIA U.S. vs CANADA Room: Lecture 2</p>	<p>ECONOMIC MODELS Room: Lecture 4</p>
<p>Chair: Pam Savatsky Clark University</p> <ul style="list-style-type: none"> <li>• <i>The Human Side of Energy development</i> Paul Wolf EAR, Ottawa</li> <li>• <i>SEIA in the U.S.A.</i> William Davis Office of Technology Assessment Washington, D.C.</li> </ul>	<p>Chair: Paula Carey Gulf Canada Resources Ltd.</p> <ul style="list-style-type: none"> <li>• <i>Energy development and local economic planning: alternative models</i> Bernie Jones Community Research Center, Denver</li> <li>• <i>Socio-economic impact monitoring systems: a review and recommendation</i> Bob Chase North Dakota State Fargo, N. Dakota</li> </ul>
<p>ENERGY AND THE FUTURE OF UTILITIES - PANEL Room: 2-7</p>	<p>ENERGY AND LABOUR Room 2-14</p>
<p>Chair: Doug Brook Utilities and Telephones</p> <p>Panel consists of:</p> <ul style="list-style-type: none"> <li>• RH Moncur Sask Power Corporation</li> <li>• Bill Ross University of Calgary</li> <li>• Bill Smith Transalta, Calgary</li> <li>• Brent Ritchie University of Calgary</li> </ul>	<p>Chair: Mary Ann Murphy Levy-Coughlin Partnership</p> <ul style="list-style-type: none"> <li>• <i>Mega Projects - Impact on Albertans</i> Harry Kostluk Alberta Federation of Labour</li> <li>• <i>The Individual Needs Pyramid</i> Dick Manning Aquitaine Company of Canada Ltd. Rainbow Lake</li> </ul>

## SESSION 8 cont'd.

<p>COMMUNITY INVOLVEMENT Room: Lecture 3</p>	<p>ECONOMIC DEVELOPMENT PANEL Room 2-11</p>
<p>Chair: Michael Murphy Athabasca</p> <ul style="list-style-type: none"> <li>• <i>Responding creatively with a sensitivity to social needs</i> Gary Paget, R. Rabnett Ministry of Munic. Affairs, B.C.</li> <li>• <i>Community impact agreements and monitoring</i> Ray Baril, Ontario Hydro</li> <li>• <i>Public participation in energy development in Alberta--Where have we been? Where are we going?</i> Drew Lamont, Alberta Environment</li> </ul>	<p>Chair: Muriel Stanley-Venne Bechtel Canada Ltd.</p> <ul style="list-style-type: none"> <li>• Dennis DePape Intergroup Consulting Winnipeg</li> <li>• <i>Native Business Development in Alberta</i> Preston Manning Manning Consultants Ltd. Edmonton</li> </ul>
<p>IMPACT ON NATIVES Room 2-21</p>	<p>ENERGY FUTURES (WORKSHOP) Room 2-22</p>
<p>Chair: Susie Washington Alberta Environment</p> <ul style="list-style-type: none"> <li>• <i>Political Development in Nunavut</i> Mark Denhez Inuit Tapirisat Ottawa</li> <li>• <i>Impact on Energy Development on Natives</i> Rene Paul Native Outreach Edmonton</li> </ul>	<p><i>Borealis - City of the Future</i></p> <ul style="list-style-type: none"> <li>• Franklin Thomas Grande Prairie Regional Office</li> </ul>

## **TUESDAY EVENING BANQUET**

Lister Hall - Dining Room, 2nd Floor

• 7:00 p.m. - *Cocktails*

• 8:00 p.m. - *Buffet*

### **• CATALYST THEATRE**

*Catalyst, a young Alberta company dedicated to the use of theatre for public education and as a catalyst for social action, is proud of its growing reputation for excellence in a variety of theatrical forms. Since its establishment in 1978, Catalyst has been involved in over thirty major productions, all of which are developed for a specific target group. Catalyst's productions are created by the actors and director through an improvisational process.*





**WEDNESDAY, AUGUST 19th, 1981**

8:30 - 9:00 a.m.

*PLENARY Lecture 1  
Humanities Centre*

*An opportunity to exchange information on  
any changes in direction or content of the  
forum.*

- *Review of the day's highlights*
- *Housekeeping*
- *Break-away session reports*

9:00 - 10:15 a.m.

*SOLUTIONS OVERVIEW*

*Concurrent sessions following the four  
major topic areas. This session will  
generate potential solutions to the  
issues raised in the issues session  
Monday morning.*

*SESSION DETAILS NEXT PAGE...*

## SOLUTIONS OVERVIEW cont'd.

THEME	SESSION LEADER	ROOM #
<i>Psychological/Cultural Impacts of Energy Development</i>	RICHARD ROBERTS Praxis, Calgary	<i>Lecture 1</i>
<i>Impact of Energy Development of Vulnerable Groups</i>	BETSY MOEN Univ. of Colorado Boulder	<i>Lecture 2</i>
<i>Impact of Energy Developments on Social Institutions</i>	JUDITH DAVENPORT Univ. of Wyoming Laramie	<i>Lecture 3</i>
<i>Energy and the Future</i>	DIXON THOMPSON Univ. of Calgary	<i>Lecture 4</i>

10:15 - 10:30 a.m.      *Coffee - Tory Turtle*

10:30 - 12:00 NOON

*"THE BOTTOM LINE" - Room TL11 - Tory Turtle*

*JOE DAVENPORT  
Faculty of Social Work  
University of Wyoming*

*Joe welcomed the participants to the First symposium  
on The Human Side of Energy in Laramie, Wyoming, in  
July, 1980.*

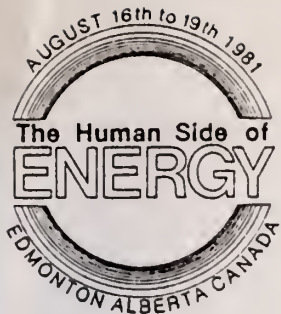
*His task at this year's event will be to participate  
in the forum and review the content and process of  
the deliberations.*

*Forum participants are encouraged to attend this  
final session and exchange their experiences with  
Joe and other participants.*

'Ken Eberley







September 29, 1981

Walter Fryers  
11515 - 39 Avenue  
Edmonton, Alberta  
T6J 0M5

Dear Mr. Fryers:

RE: Proceedings - "Human Side of Energy"

Thank you for assisting us mount what has generally been accepted as a successful conference. Your formal presentation and willingness to engage in dialogue with others contributed much to its success.

It is now my task to put together and publish the proceedings of the conference. This is not going to be an easy task and I am thus asking you for further assistance.

We cannot publish all the complete papers in the proceedings. There were so many papers and some of such a length that two or three volumes would be required. Instead we plan to publish abstracts or digests of all the papers, supported by summaries of certain plenary sessions.

The abstracts (digests) will be published in the following format.

1 - 1 1/2 pages

Title  
Body of Information

NOTE:  
For copies of the complete paper  
contact: Mr./Miss J. Author  
Address

I therefore ask that you provide us with an informative abstract or digest of your official presentation, for inclusion in the proceedings. You may have forwarded one to me prior to the forum. My question then is "Do you want to revise it in any way prior to its publication"? I would like to hear from you by October 26th.

Yours sincerely,

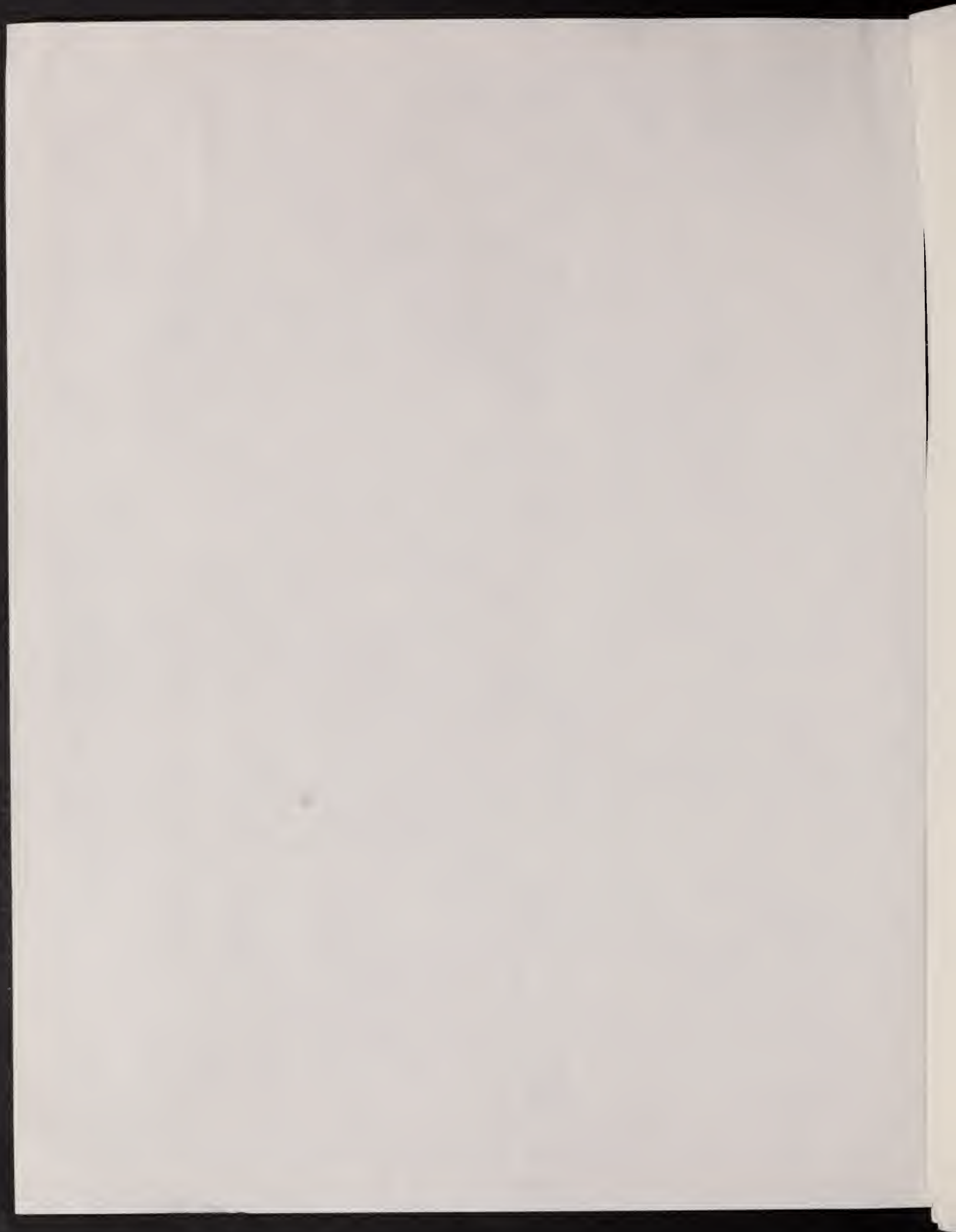
J.M. McDonald  
Chairman - Conference Committee

JMM/ch

*Don abstract  
contained by  
phone - 23 Oct 81*

THE HUMAN SIDE OF ENERGY: ALBERTA CONFERENCE COMMITTEE

C/O THE FACULTY OF EXTENSION CORBETT HALL THE UNIVERSITY OF ALBERTA EDMONTON, ALBERTA T6G 2G4 TELEPHONE (403) 432-3035





Abstract

Proposal for Input to  
2nd International Forum on  
"The Human Side of Energy"

by

John Gregory

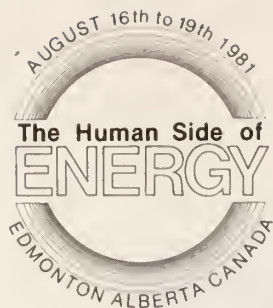
SUBJECT: "Structural Changes in North American Society, its  
Institutions and its Economy, Resulting from  
Increasing Energy Conversion Rates".

ABSTRACT:

Energy conversion rates, on a per capita basis, are now becoming recognized as the most basic and universal determinants of social organization for every society since the discovery of fire. In post-war North America the rate has exceeded 200,000 Kg. Cal. per capita, per day (or 10,000 Kg. Coal Equivalent per person per year as defined by the U.N.). This is some  $2\frac{1}{2}$  times the rate for Europe, the next most developed economy of continental extent; and many times the rate for most other areas. Technocracy defines social change as a change in the time-rate of doing work. Hence the high rate of social change experienced in America in the last few decades, which accounts for many of the problems of concern to this Forum., Even greater social changes are in prospect, which will increasingly threaten the security and stability of our society. Technocracy proposes a 'Technological Social Design' that will accommodate the relentless challenge of science and technology. This presentation will examine Technocracy's analysis of our present dilemma and its proposals for a North American 'Technate'.

-----





August 16, 1981

Dear Presenter:

Welcome to "The Human Side of Energy: 2nd International Forum". We hope your stay with us will be enjoyable and interesting.

With this letter I also wish to advise you of a few administrative matters that are of specific relevance to you.

- Abstracts or digests of presentations. We would like to receive from each presenter a copy of an abstract or digest of their paper (presentation). We will not incorporate the complete text of each paper in the proceedings of the conference. We plan, instead, to print a digest or abstract of each presentation (1-1½ pages) plus the mailing address of the author. Readers wanting a copy of a specific paper will be invited to contact the author directly.

If you have a suitable abstract or digest, please turn them in to the chairperson of your session, or to the information and resource centre.

- We need to know the audio/visual equipment you will require to assist you in your presentation. Overhead projectors and acetates are available in each lecture room. Three audio/visual technicians are on staff to assist in setting up required equipment. If you have not already informed Bonnie Pocock of the equipment you will need, please let the registration desk know your needs so we can be prepared to meet them.

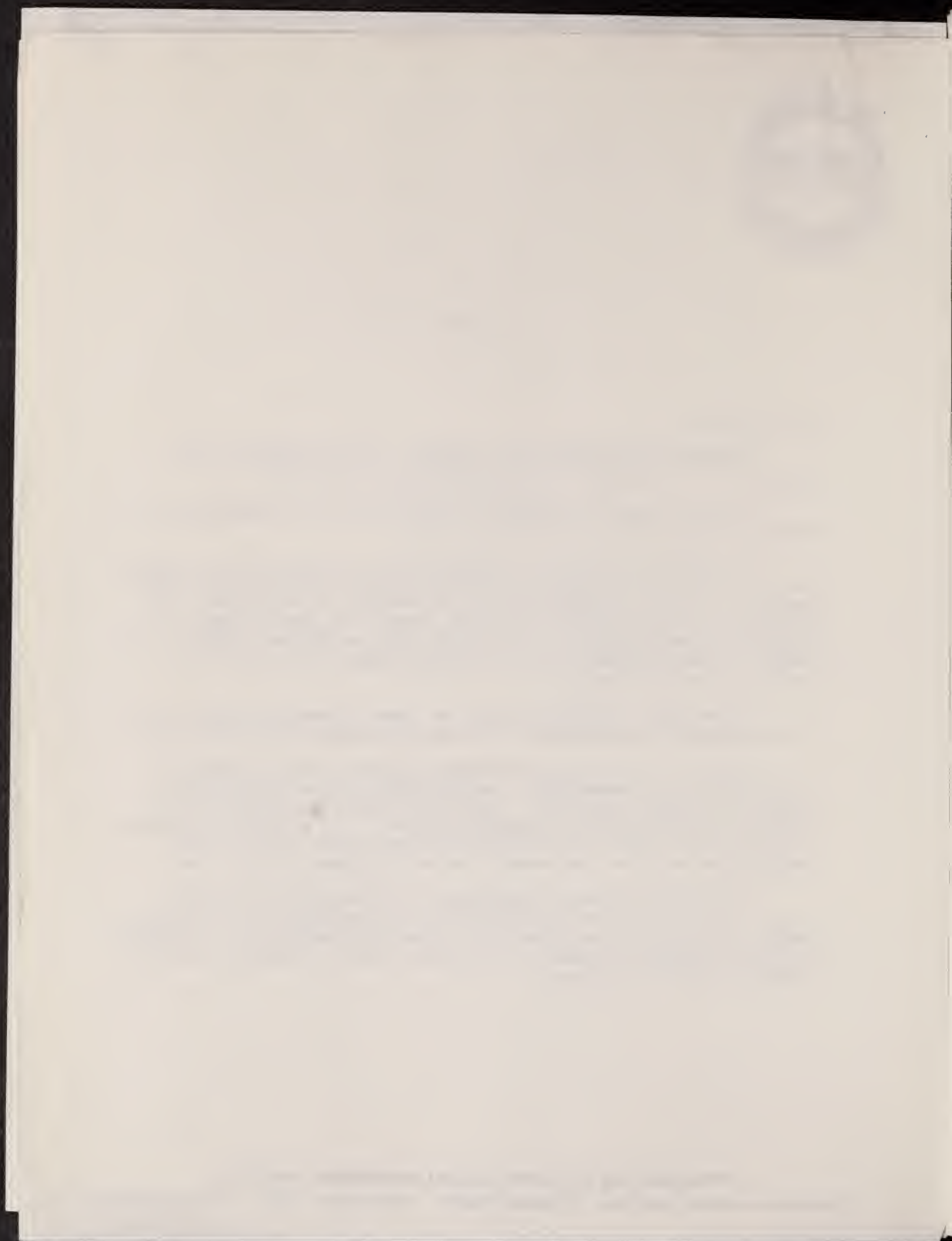
- The Radio/Television Department of the University and Capital Cable Television Ltd. are cooperating in the videotaping of the Forum process. Our objectives are to provide informative coverage of the conference for cable television viewers and to develop topical information films for community education programs.

. . .2

THE HUMAN SIDE OF ENERGY: ALBERTA CONFERENCE COMMITTEE

C/O THE FACULTY OF EXTENSION CORBETT HALL THE UNIVERSITY OF ALBERTA EDMONTON, ALBERTA T6G 2G4 TELEPHONE (403) 432-3035



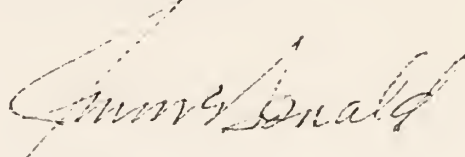


- 2 -

We do hope you have no objections to the videotaping of your presentations. If you do have, please let us know via the registration desk or the chairman of your session. We will ask the cameramen to respect your wishes.

Let me thank you for your interest and involvement. We appreciate your assistance in helping to make this an informative and useful educational program.

Yours sincerely,

A handwritten signature in cursive script, appearing to read "Merrill McDonald".

Merril McDonald, Chairman  
Planning Committee  
The Human Side of Energy

MM/leh



THE UNIVERSITY OF CHICAGO  
DIVISION OF THE PHYSICAL SCIENCES  
DEPARTMENT OF CHEMISTRY

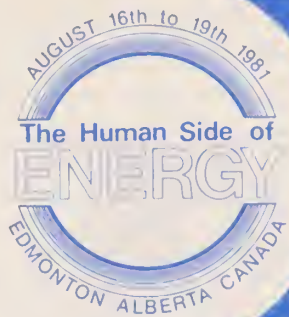
REPORT OF THE RESEARCH GROUP  
ON THE CHEMISTRY OF THE  
ATMOSPHERE

1954-1955

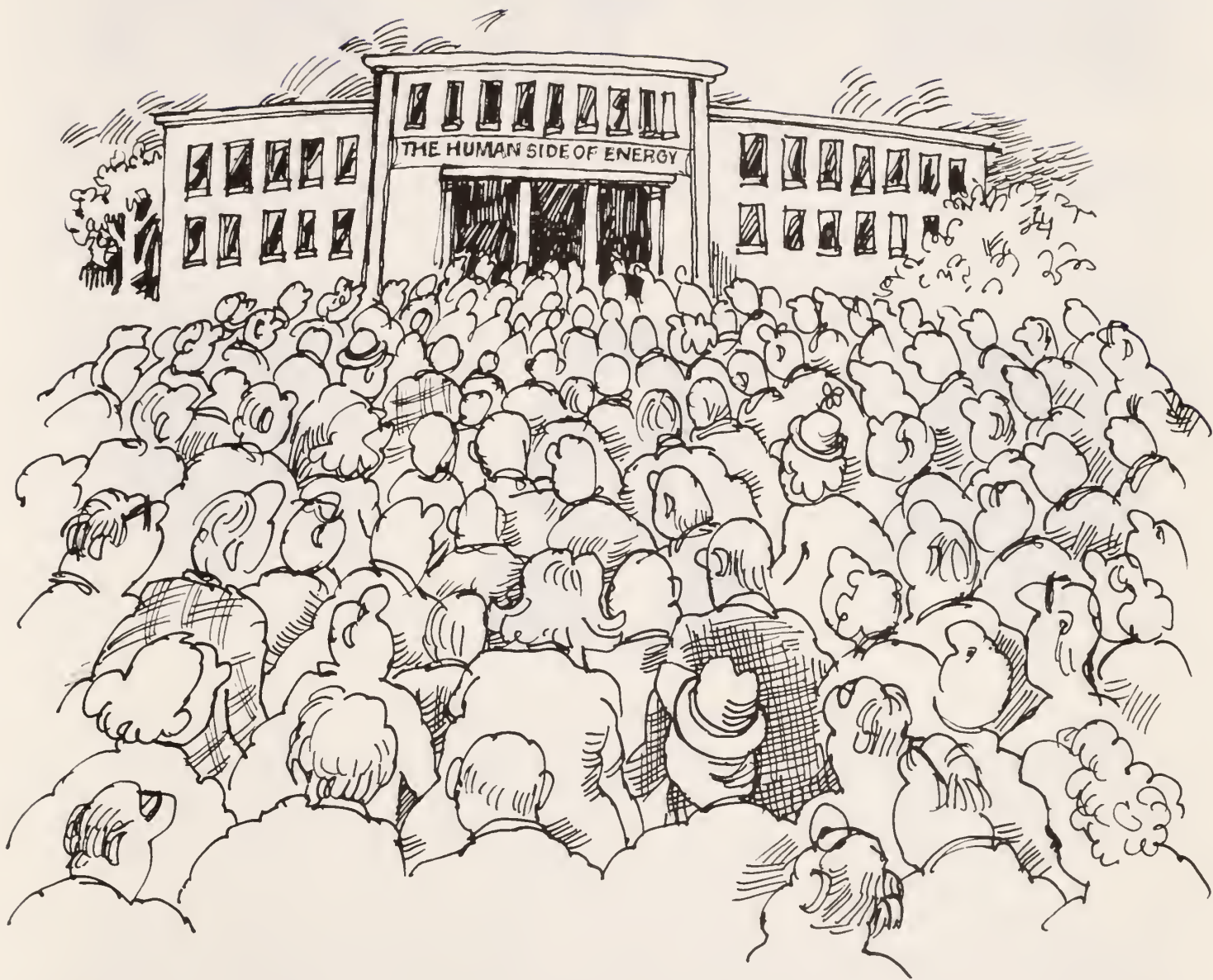
REPORT NO. 1

THE UNIVERSITY OF CHICAGO  
DIVISION OF THE PHYSICAL SCIENCES  
DEPARTMENT OF CHEMISTRY





# LIVE at the FORUM



WELCOME to the Second International Forum on the Human Side of Energy. From now until Wednesday noon, more than 300 people will be participating in a program intended to challenge, stimulate, give food for thought, and generally meet your needs. If that doesn't seem to be the case, don't despair. Simply turn this page and learn how, with the help of a battery of blue-ribboned helpers, you can organize your own Forum sessions instead. Turn the page also for information about this newspaper, about cable television coverage, about banquet tickets and other matters of upcoming interest.



HOPE  
HUNTER



PAUL  
DUBE



MARYLIN  
KANE



TRUDY  
NICHOLSON



JACK  
MCLEAN



GARY  
FORD

REMEMBER THESE FACES!

These people (along with anyone else sporting a blue ribbon) are Forum facilitators. Their job is to bring together people with special needs and interests. If there are people it would be helpful for you to talk to, or who might benefit from your experience, if aspects of the formal program don't interest you and you want to see other topics tackled, contact a facilitator (in the Resource and Information Centre, HC 1-7, if they aren't otherwise visible).

And break away!



# What's on today

8:00 to 8:45 a.m.: Registration, Humanities Centre foyer.

9:00 to 10:30 a.m.: Plenary session keynote address by Mr. Justice Thomas Berger, Room RL-11 (Tory Turtle).

10:30 to 10:45 a.m.: Coffee, Humanities Centre, 1st and 2nd levels.

10:45 to 12 noon: Issue identification and overview (four concurrent sessions -- see program for details).

12 noon to 1:30 p.m.: Lunch

1:30 to 3:00 p.m.: Eight concurrent sessions of papers and discussions (see program for details)

3:00 to 3:15 p.m.: Coffee.

3:15 to 5:00 p.m.: Eight concurrent sessions (see program for details).

From 7:30 to 11:00 p.m. there will be more opportunity for participants to meet and chat informally, aided by a cash bar, at the University's Faculty Club (upper level) on Saskatchewan Drive.

## JUSTICE THOMAS BERGER

Mr. Justice Thomas Berger is an appropriate choice to open the Second International Forum on the Human Side of Energy. As a lawyer, a former provincial political leader, and now a Justice of the Supreme Court of British Columbia, he is very much aware of the impact of economic and social change on the lives of Canadians. However as the commissioner responsible for the Mackenzie Valley pipeline inquiry, he probably studied the topic in greater depth than anyone else. In the process he set new standards for thoroughness and involvement in the public inquiry process. Despite his busy schedule with the Supreme Court, his advice on development impacts is sought by many community and provincial representatives. We are very pleased he has been able to join us.

## SOME IMPORTANT REMINDERS

1. The Network Directory is a vital resource at the Forum, since it lets everyone know who's here, and facilitates contact between people who really ought to get together. Supplementary pages to complete the directory are being compiled, and will be available at lunchtime today from the Resource and Information Centre. Be sure to collect yours.
2. Be sure, too, once you have your directory complete, to make your shopping list of useful or necessary people. Then set about looking for them. (You will be constantly asked how your shopping list is going, so you might as well start in early.)
3. Tuesday night's special event is a banquet in Lister Hall. Cocktails will be served at 7:00 p.m., dinner at 8:00 p.m., and after dinner the exciting Catalyst Theatre group will perform. BUT you must purchase (\$5) your ticket fast -- in fact by 10:30 a.m. this very morning, at the Resource and Information Centre -- or you'll miss the show.
4. Work up an appetite for the banquet by a run. The Forum Fitness Frolic meets outside Lister Hall at 5:30 p.m. Tuesday. All joggers welcome.



NOW FOR SOME MEDIA HYPE . . .

LIVE AT THE FORUM would like to capture in print every brilliant thought, every profound word, every good one-liner, every nuance in this gathering's highly charged atmosphere.

Alas.

It's a big program. There are a lot of people taking part. We haven't a hope of doing the job -- unless you help us. Please come visit us if you've taken part in a session that's been particularly good, if you overheard something significant at the bar last night, even (indeed, especially) if you yourself have something to say. Someone will be manning our desk (in HC 1-3) during every coffee break, during the lunch break, and between 5 and 6 p.m. We're absolutely counting on seeing you there.

If you're somewhat unnerved by the television cameras that may seem to be following you around, relax. They belong to a community cable television channel, which will be running highlights of the day's events at 8 p.m. Monday and Tuesday, and 9:30 p.m. Wednesday, on Channel 10. A film documentary is also being prepared for the Third International Forum on the Human Side of Energy, next year at Knoxville.

AND FINALLY, THE CREDITS . . .



EDWARDS



PLESUK



POCOCK

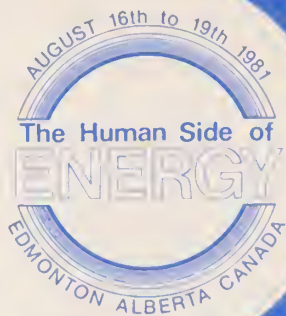
The steering committee, chaired by Merrill McDonald, comprised Felicity Edwards, Brian Plesuk, Gordon Young, Gerry Archibald, Dave Hannis, Bev Zubot, Bonnie Pocock, Marilyn Fleger and Brent Hegadoren.

As administrator, Bonnie Pocock took care of the thousand details involved in ensuring the smooth running of the event.

Susie Washington of Alberta Environment and Steve Tyler of Alberta Energy and Natural Resources planned the "Energy and the Future" component.

Felicity Edwards and Brian Plesuk planned the other components.

Felicity Edwards co-ordinated the total program.



# LIVE at the FORUM



## What's on today

8:30 to 9:00 a.m.: Plenary session, Humanities Centre Lecture Theatre 1.  
 9:00 to 10:15 a.m.: Eight concurrent sessions (see program for details)  
 10:15 to 10:30 a.m. Coffee  
 10:30 a.m. to 12 noon: Four concurrent sessions (see program for details)  
 12 noon to 1:30 p.m.: Lunch  
 1:30 p.m. to 3:00 p.m.: Plenary session "Coping with the problem", Room TL11 (Tory Turtle)  
 3:00 p.m. to 3:15 p.m.: Coffee  
 3:15 p.m. to 5 p.m.: Eight concurrent sessions (see program for details)  
 7:00 p.m. Cocktails, then banquet at 8:00 p.m.

Yesterday the registration desk was humming . . .

BREAKAWAY SESSIONS (Get more information, if you need it, from the Forum facilitators);

- \* Lifeline rates (contact Bill Wood): Tuesday, 10:30 a.m. Room 2-29.
- \* Solar lobby group: Tuesday, 10:30 a.m. Room 2-33.
- \* Problems of obtaining solar-oriented building sites in the city (contact Vic Yanda): Tuesday, 12:30 p.m. Room 2-34.
- \* John Miller, Les Erickson and Lorna Seaman invite others to meet at 12 noon Tuesday at the Resource Centre (Room 1-7) to go for lunch together and discuss methods for adult/community education for energy conservation.
- \* OldsCollege Homestead: Towards an energy efficient community (contact Eric DeRidder and Rob Sieniuc): Tuesday, 1:30 p.m. Room 2-34.
- \* The impacts of resource development on urban centres, Tuesday 3:15 p.m. Room 2-34.
- \* Future relationship between territorial government and oil/gas industry (contact Mark Denhez); Tuesday 5 pm. Room 2-30.
- \* Movies: Paul Jacobs and the Nuclear Gang (investigative report on the nuclear industry and its inception) and The Electric Ponds: The Solar Energy Solution; (contact Rick Lundrigan): Tuesday, 5 p.m. Room 2-29.
- \* Judy and Joe Davenport will conduct their two-hour "Gusty Wyoming" simulation game at 5 p.m. Tuesday in Room 2-33.
- \* Beverley Rozee of Guelph University would like to talk to delegates from Grande Prairie College and Athabasca University. She can be reached at Lister Hall.



## In session

GOVERNOR JERRY BROWN of California drives a "beat-up old Plymouth" and lives in an apartment, in preference to the Governor's Mansion which he considers to be energy-inefficient. In a similar vein, Huey Johnson, the secretary of California's State Resources Agency, commutes 15 miles daily by bicycle. Such individual commitment apparently reflects the government's thinking, since energy conservation measures in the past few years have resulted in substantially reduced consumption of energy and increased investment in alternate energy sources. In the issue identification session on energy and the future, Johnson said that to describe California is to describe the future. Though conceding that substantial amounts of non-renewable energy are imported, he feels that the future rests with renewable resources and that California has turned the corner in its thinking about energy consumption.

THE SESSION ON psychological/cultural impacts of energy development brought out the point that such impacts are well known and documented. But apparently not much can be done about them because economic considerations have traditionally come first. Instead, the social and cultural integrity of communities, the preservation of their most cherished values, should come first. A man from Nova Scotia told the session that Maritimers don't want to learn how to cope with energy developments, but to be left alone to live. On the other hand, so much is heard about the negative impacts of development that perhaps it's time to focus on the positive aspects of development.

SPEAKERS AT THE session considering impacts of energy development on social institutions mentioned families, health and emergency services, law enforcement, education, religion, as well as social and municipal services as being affected by energy developments. Judith Davenport of the University of Wyoming at Laramie spoke of family stress, the problem of delivery of mental health services, the problems of providing recreation for an influx of outsiders (especially in the 18-24 years age range). Services are also used inappropriately: doctors, for example, are being used as counsellors, a role for which they have received little if any training.

THE SESSION ON the impact of energy development on vulnerable groups focussed on the elderly, natives and women. But session leader Betsy Moen of the University of Colorado at Boulder opened the session by pointing out that all of us who live in energy centres, under government policies based on non-renewable resources, are vulnerable too. Carrying such policies to their logical conclusions means exploitation of the citizens of other countries (from whom energy must be exported), terrorist acts and probably war from nuclear proliferation. For particular groups within society, a large part of the solution is raising their levels of visibility.



# You said it!

JUSTICE TOM BERGER, of the Reagan administration's environmental policy: "We were rather relieved that President Carter signed the bill (allocating a wilderness resource in the Arctic)".

HUEY JOHNSON, of the same policy: "It's the last braying of the end of the dinosaur era."

MARIE LAING, of sexual offenders: "We must remember that they were once children, born to women, living in families."

ERIC SHIRT, of native peoples and development: "Hope is an Indian sitting on an outdoor toilet in the middle of winter, looking out at a huge project, knowing he can't get a job there, and knowing his kid knows he can't help him."

MYER HOROWITZ, of the object of the Forum: "Probably at the end you will have more questions than answers. And if you do, the conference will have been a success."

Forum speakers, please refrain from exclusionary language, such as the generic use of "man," "mankind," "his," "him."

That's the request of delegates H.E. Jacobsen, D. Dungey, D. Ellis, J. Barnsley, E. Moen and E. Summer, who note that many do not assume that women are included in this usage. They suggest "humanity," "persons," "people," or the third person plurals "they," "them."

## Unclassified

Forum delegate Sue Piatt, of Colorado, would like to talk to anyone with information about the energy resource tax base or tax base sharing. She can be reached at the Terrace Inn.

Delegate Gene Kersey of the Denver Research Institute is working on a study for the National Institute of Alcohol Abuse and Alcoholism, and would like information from other delegates about boom-town alcoholism, specifically about options for prevention, education and treatment.

The Solar Energy Society of Edmonton meets Wednesday at 7.30 p.m. in the Provincial Museum on 102nd Ave. at 128th St. A speaker will address the meeting on retrofitting existing houses, and there will be a slide presentation on installing supertight vapor barriers. A Forum follow-up, perhaps!

## Coming attractions

THE FORUM FITNESS FROLIC is a run which leaves Lister Hall at 5.30 p.m. today. Be in it!

THE BANQUET is on tonight too. Cocktails at 7 p.m., dinner at 8, then a performance by the Catalyst Theatre Group. A VERY few tickets still remain. Hurry if you want one.

## Who's who at the Forum



Ron Hikel is a senior researcher with ABT Associates, a division of Thorney Stevenson Kellogg, one of Canada's largest management consulting firms. ABT is the social research wing of the parent company, specializing in program evaluations and in particular in looking at the impact on the social environment.

Frank Fedoruk has worked on social programs for the past 10 years, and has recently joined Alberta Environment as an environmental impact co-ordinator. He's particularly interested in social and community impacts of development. The Forum, he feels, is "an excellent idea."



Mary-Pat Barry works with TransAlta Utilities, and says she's at the Forum to learn. A member of the company's public affairs department, she's interested in more work in public participation.

Don Grant works for the Saskatchewan Power Corporation. He says engineers must realize the impact of electricity on communities that never had it before. "Public involvement from the very outset will tell us what price these people do want to pay and what price they do not want to pay for industrial development."



Catalyst Theatre Presents

3 ACTORS IN SEARCH OF AN INTERFACE

- a power play -

The Cast: Jane Heather\*  
Doug Kier\*  
Peggy Lees  
Kevin Paetz

Director: Anthony Hall

\* Appearing through the courtesy of Canadian Actors' Equity Assn.

"3 Actors" was developed by cast and director specifically for The Human Side of Energy Forum with the exception of two scenes which were developed for past Catalyst shows: The original version of Red Tape was written by David Mann for "Montrose Again" and The Community Song was written by Jane Heather for "PAC Up Your Troubles".

Thanks to those who met with us during our research for this show.

Catalyst Theatre's objective is to promote and practice the use of Theatre for public education and as a catalyst for social action. Catalyst is a registered, non-profit Society.

CATALYST'S NEW ADDRESS:

10645 - 63 Avenue  
Edmonton, Alberta (434-1007)



1. 1890

1891

1892

1893

1894

1895

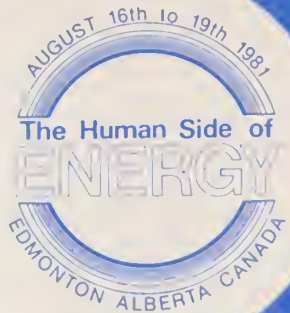
1896

1897

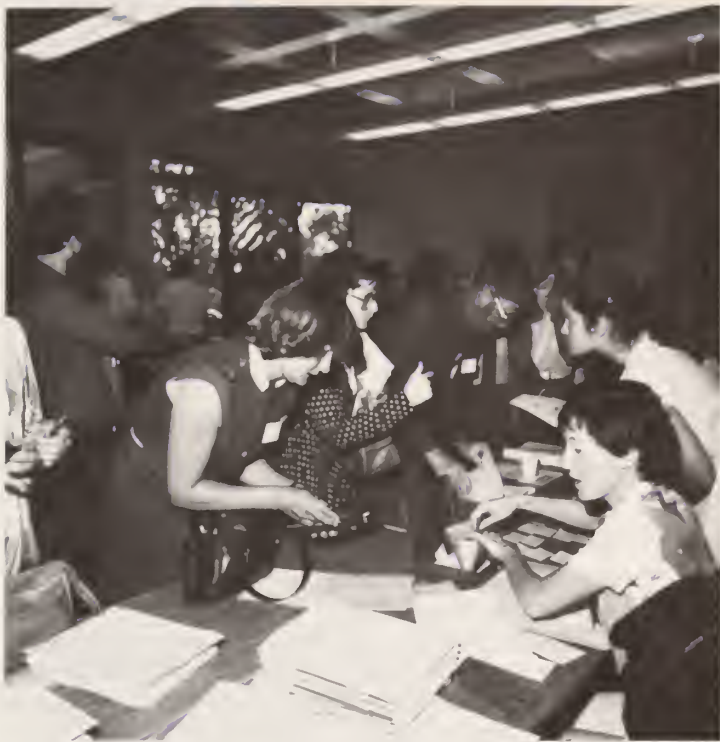
1898

1899

1900



# LIVE at the FORUM



## What's on today

8:30 to 9:00 a.m.: Plenary session, Humanities Centre Lecture Theatre 1.  
9:00 to 10:15 a.m.: Eight concurrent sessions (see program for details)  
10:15 to 10:30 a.m. Coffee  
10:30 a.m. to 12 noon: Four concurrent sessions (see program for details)  
12 noon to 1:30 p.m.: Lunch  
1:30 p.m. to 3:00 p.m.: Plenary session "Coping with the problem", Room TL11 (Tory Turtle)  
3:00 p.m. to 3:15 p.m.: Coffee  
3:15 p.m. to 5 p.m.: Eight concurrent sessions (see program for details)  
7:00 p.m. Cocktails, then banquet at 8:00 p.m.

Yesterday the registration desk was humming . . .

BREAKAWAY SESSIONS (Get more information, if you need it, from the Forum facilitators);

- \* Lifeline rates (contact Bill Wood): Tuesday, 10:30 a.m. Room 2-29.
- \* Solar lobby group: Tuesday, 10:30 a.m. Room 2-33.
- \* Problems of obtaining solar-oriented building sites in the city (contact Vic Yanda): Tuesday, 12:30 p.m. Room 2-34.
- \* John Miller, Les Erickson and Lorna Seaman invite others to meet at 12 noon Tuesday at the Resource Centre (Room 1-7) to go for lunch together and discuss methods for adult/community education for energy conservation.
- \* OldsCollege Homestead: Towards an energy efficient community (contact Eric DeRidder and Rob Sieniuc): Tuesday, 1:30 p.m. Room 2-34.
- \* The impacts of resource development on urban centres, Tuesday 3:15 p.m. Room 2-34.
- \* Future relationship between territorial government and oil/gas industry (contact Mark Denhez); Tuesday 5 pm. Room 2-30.
- \* Movies: Paul Jacobs and the Nuclear Gang (investigative report on the nuclear industry and its inception) and The Electric Ponds: The Solar Energy Solution; (contact Rick Lundrigan): Tuesday, 5 p.m. Room 2-29.
- \* Judy and Joe Davenport will conduct their two-hour "Gusty Wyoming" simulation game at 5 p.m. Tuesday in Room 2-33.
- \* Beverley Rozee of Guelph University would like to talk to delegates from Grande Prairie College and Athabasca University. She can be reached at Lister Hall.

## In session

GOVERNOR JERRY BROWN of California drives a "beat-up old Plymouth" and lives in an apartment, in preference to the Governor's Mansion which he considers to be energy-inefficient. In a similar vein, Huey Johnson, the secretary of California's State Resources Agency, commutes 15 miles daily by bicycle. Such individual commitment apparently reflects the government's thinking, since energy conservation measures in the past few years have resulted in substantially reduced consumption of energy and increased investment in alternate energy sources. In the issue identification session on energy and the future, Johnson said that to describe California is to describe the future. Though conceding that substantial amounts of non-renewable energy are imported, he feels that the future rests with renewable resources and that California has turned the corner in its thinking about energy consumption.

THE SESSION ON psychological/cultural impacts of energy development brought out the point that such impacts are well known and documented. But apparently not much can be done about them because economic considerations have traditionally come first. Instead, the social and cultural integrity of communities, the preservation of their most cherished values, should come first. A man from Nova Scotia told the session that Maritimers don't want to learn how to cope with energy developments, but to be left alone to live. On the other hand, so much is heard about the negative impacts of development that perhaps it's time to focus on the positive aspects of development.

SPEAKERS AT THE session considering impacts of energy development on social institutions mentioned families, health and emergency services, law enforcement, education, religion, as well as social and municipal services as being affected by energy developments. Judith Davenport of the University of Wyoming at Laramie spoke of family stress, the problem of delivery of mental health services, the problems of providing recreation for an influx of outsiders (especially in the 18-24 years age range). Services are also used inappropriately: doctors, for example, are being used as counsellors, a role for which they have received little if any training.

THE SESSION ON the impact of energy development on vulnerable groups focussed on the elderly, natives and women. But session leader Betsy Moen of the University of Colorado at Boulder opened the session by pointing out that all of us who live in energy centres, under government policies based on non-renewable resources, are vulnerable too. Carrying such policies to their logical conclusions means exploitation of the citizens of other countries (from whom energy must be exported), terrorist acts and probably war from nuclear proliferation. For particular groups within society, a large part of the solution is raising their levels of visibility.



# You said it!

JUSTICE TOM BERGER, of the Reagan administration's environmental policy: "We were rather relieved that President Carter signed the bill (allocating a wilderness resource in the Arctic)".

HUEY JOHNSON, of the same policy: "It's the last braying of the end of the dinosaur era."

MARIE LAING, of sexual offenders: "We must remember that they were once children, born to women, living in families."

ERIC SHIRT, of native peoples and development: "Hope is an Indian sitting on an outdoor toilet in the middle of winter, looking out at a huge project, knowing he can't get a job there, and knowing his kid knows he can't help him."

MYER HOROWITZ, of the object of the Forum: "Probably at the end you will have more questions than answers. And if you do, the conference will have been a success."

Forum speakers, please refrain from exclusionary language, such as the generic use of "man," "mankind," "his," "him."

That's the request of delegates H.E. Jacobsen, D. Dungey, D. Ellis, J. Barnsley, E. Moen and E. Summer, who note that many do not assume that women are included in this usage. They suggest "humanity," "persons," "people," or the third person plurals "they," "them."

## Unclassified

Forum delegate Sue Piatt, of Colorado, would like to talk to anyone with information about the energy resource tax base or tax base sharing. She can be reached at the Terrace Inn.

Delegate Gene Kersey of the Denver Research Institute is working on a study for the National Institute of Alcohol Abuse and Alcoholism, and would like information from other delegates about boom-town alcoholism, specifically about options for prevention, education and treatment.

The Solar Energy Society of Edmonton meets Wednesday at 7.30 p.m. in the Provincial Museum on 102nd Ave. at 128th St. A speaker will address the meeting on retrofitting existing houses, and there will be a slide presentation on installing supertight vapor barriers. A Forum follow-up, perhaps!

## Coming attractions

THE FORUM FITNESS FROLIC is a run which leaves Lister Hall at 5.30 p.m. today. Be in it!

THE BANQUET is on tonight too. Cocktails at 7 p.m., dinner at 8, then a performance by the Catalyst Theatre Group. A VERY few tickets still remain. Hurry if you want one.

## Who's who at the Forum



Ron Hikel is a senior researcher with ABT Associates, a division of Thorney Stevenson Kellogg, one of Canada's largest management consulting firms. ABT is the social research wing of the parent company, specializing in program evaluations and in particular in looking at the impact on the social environment.

Frank Fedoruk has worked on social programs for the past 10 years, and has recently joined Alberta Environment as an environmental impact co-ordinator. He's particularly interested in social and community impacts of development. The Forum, he feels, is "an excellent idea."

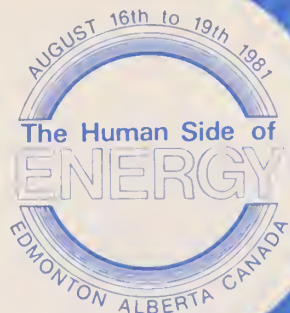


Mary-Pat Barry works with TransAlta Utilities, and says she's at the Forum to learn. A member of the company's public affairs department, she's interested in more work in public participation.

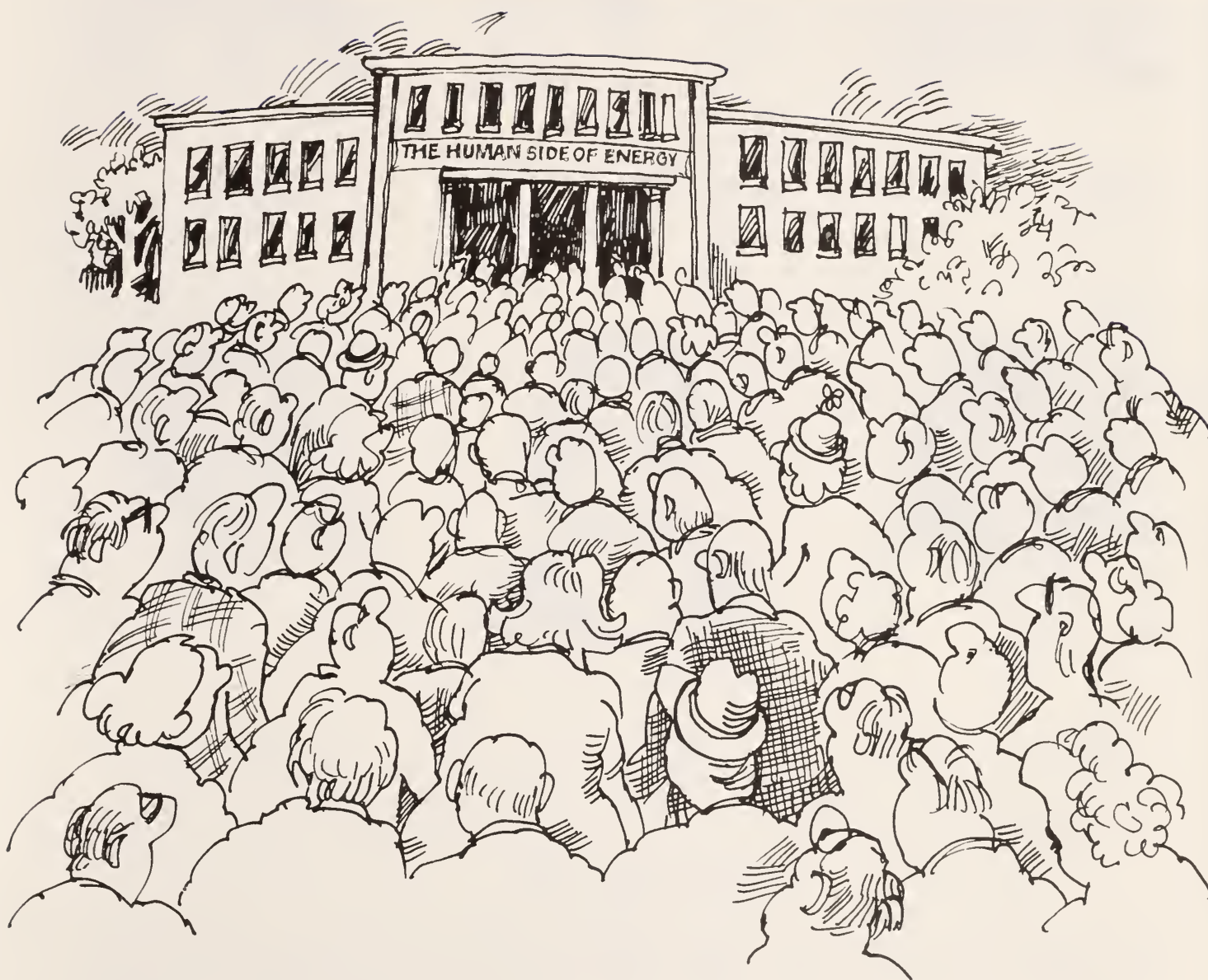
Don Grant works for the Saskatchewan Power Corporation. He says engineers must realize the impact of electricity on communities that never had it before. "Public involvement from the very outset will tell us what price these people do want to pay and what price they do not want to pay for industrial development."







# LIVE at the FORUM



WELCOME to the Second International Forum on the Human Side of Energy. From now until Wednesday noon, more than 300 people will be participating in a program intended to challenge, stimulate, give food for thought, and generally meet your needs. If that doesn't seem to be the case, don't despair. Simply turn this page and learn how, with the help of a battery of blue-ribboned helpers, you can organize your own Forum sessions instead. Turn the page also for information about this newspaper, about cable television coverage, about banquet tickets and other matters of upcoming interest.





HOPE  
HUNTER



PAUL  
DUBE



MARYLIN  
KANEE



TRUDY  
NICHOLSON



JACK  
MCLEAN



GARY  
FORD

REMEMBER THESE FACES!

These people (along with anyone else sporting a blue ribbon) are Forum facilitators. Their job is to bring together people with special needs and interests. If there are people it would be helpful for you to talk to, or who might benefit from your experience, if aspects of the formal program don't interest you and you want to see other topics tackled, contact a facilitator (in the Resource and Information Centre, HC 1-7, if they aren't otherwise visible).

And break away!

# What's on today

8:00 to 8:45 a.m.: Registration, Humanities Centre foyer.

9:00 to 10:30 a.m.: Plenary session keynote address by Mr. Justice Thomas Berger, Room RL-11 (Tory Turtle).

10:30 to 10:45 a.m.: Coffee, Humanities Centre, 1st and 2nd levels.

10:45 to 12 noon: Issue identification and overview (four concurrent sessions -- see program for details).

12 noon to 1:30 p.m.: Lunch

1:30 to 3:00 p.m.: Eight concurrent sessions of papers and discussions (see program for details)

3:00 to 3:15 p.m.: Coffee.

3:15 to 5:00 p.m.: Eight concurrent sessions (see program for details).

From 7:30 to 11:00 p.m. there will be more opportunity for participants to meet and chat informally, aided by a cash bar, at the University's Faculty Club (upper level) on Saskatchewan Drive.

## JUSTICE THOMAS BERGER

Mr. Justice Thomas Berger is an appropriate choice to open the Second International Forum on the Human Side of Energy. As a lawyer, a former provincial political leader, and now a Justice of the Supreme Court of British Columbia, he is very much aware of the impact of economic and social change on the lives of Canadians. However as the commissioner responsible for the Mackenzie Valley pipeline inquiry, he probably studied the topic in greater depth than anyone else. In the process he set new standards for thoroughness and involvement in the public inquiry process. Despite his busy schedule with the Supreme Court, his advice on development impacts is sought by many community and provincial representatives. We are very pleased he has been able to join us.

## SOME IMPORTANT REMINDERS

1. The Network Directory is a vital resource at the Forum, since it lets everyone know who's here, and facilitates contact between people who really ought to get together. Supplementary pages to complete the directory are being compiled, and will be available at lunchtime today from the Resource and Information Centre. Be sure to collect yours.
2. Be sure, too, once you have your directory complete, to make your shopping list of useful or necessary people. Then set about looking for them. (You will be constantly asked how your shopping list is going, so you might as well start in early.)
3. Tuesday night's special event is a banquet in Lister Hall. Cocktails will be served at 7:00 p.m., dinner at 8:00 p.m., and after dinner the exciting Catalyst Theatre group will perform. BUT you must purchase (\$5) your ticket fast -- in fact by 10:30 a.m. this very morning, at the Resource and Information Centre -- or you'll miss the show.
4. Work up an appetite for the banquet by a run. The Forum Fitness Frolic meets outside Lister Hall at 5:30 p.m. Tuesday. All joggers welcome.

NOW FOR SOME MEDIA HYPE . . .

LIVE AT THE FORUM would like to capture in print every brilliant thought, every profound word, every good one-liner, every nuance in this gathering's highly charged atmosphere.

Alas.

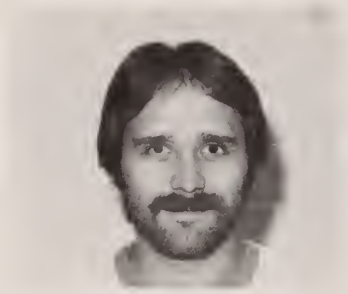
It's a big program. There are a lot of people taking part. We haven't a hope of doing the job -- unless you help us. Please come visit us if you've taken part in a session that's been particularly good, if you overheard something significant at the bar last night, even (indeed, especially) if you yourself have something to say. Someone will be manning our desk (in HC 1-3) during every coffee break, during the lunch break, and between 5 and 6 p.m. We're absolutely counting on seeing you there.

If you're somewhat unnerved by the television cameras that may seem to be following you around, relax. They belong to a community cable television channel, which will be running highlights of the day's events at 8 p.m. Monday and Tuesday, and 9:30 p.m. Wednesday, on Channel 10. A film documentary is also being prepared for the Third International Forum on the Human Side of Energy, next year at Knoxville.

AND FINALLY, THE CREDITS . . .



EDWARDS



PLESUK



POCOCK

The steering committee, chaired by Merrill McDonald, comprised Felicity Edwards, Brian Plesuk, Gordon Young, Gerry Archibald, Dave Hannis, Bev Zubot, Bonnie Pocock, Marilyn Fleger and Brent Hegadoren.

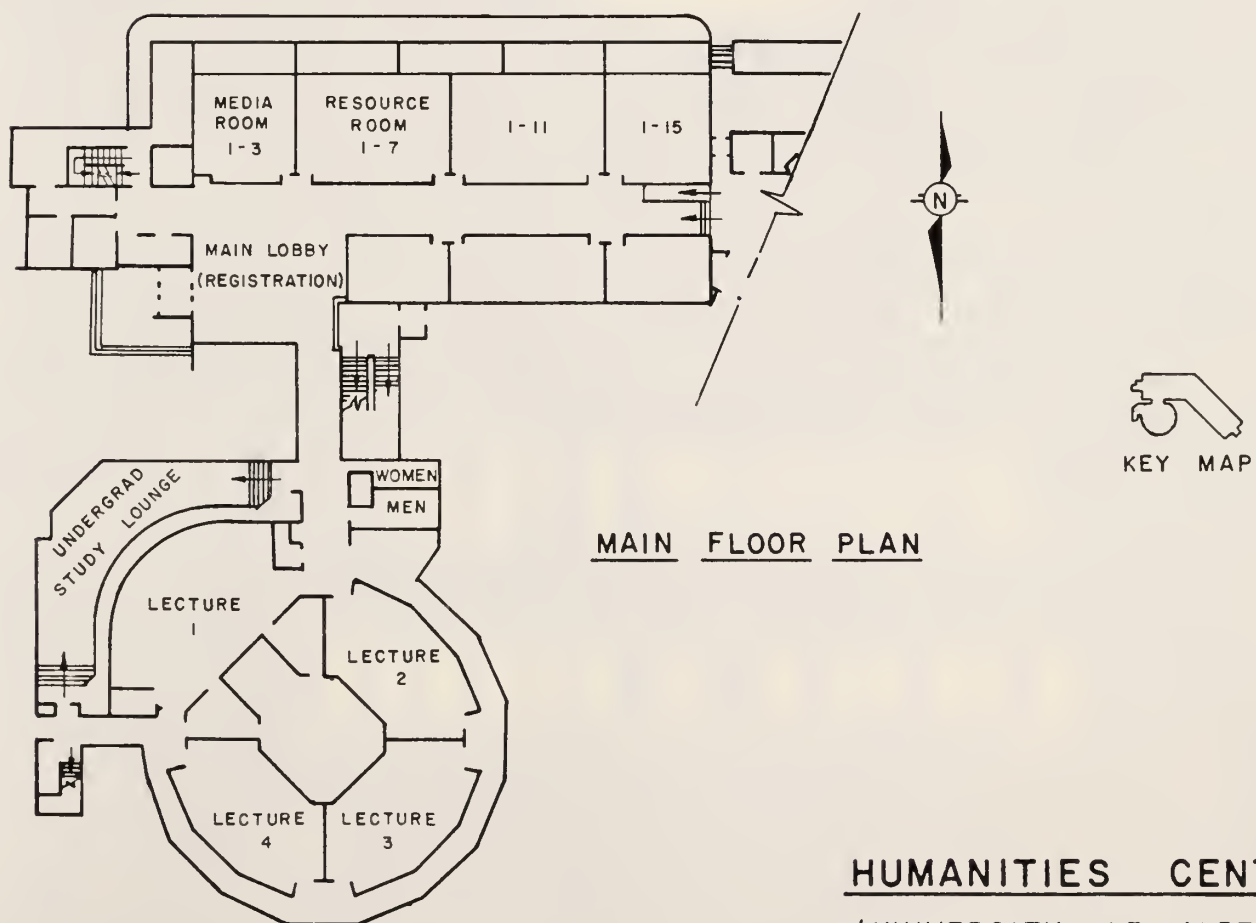
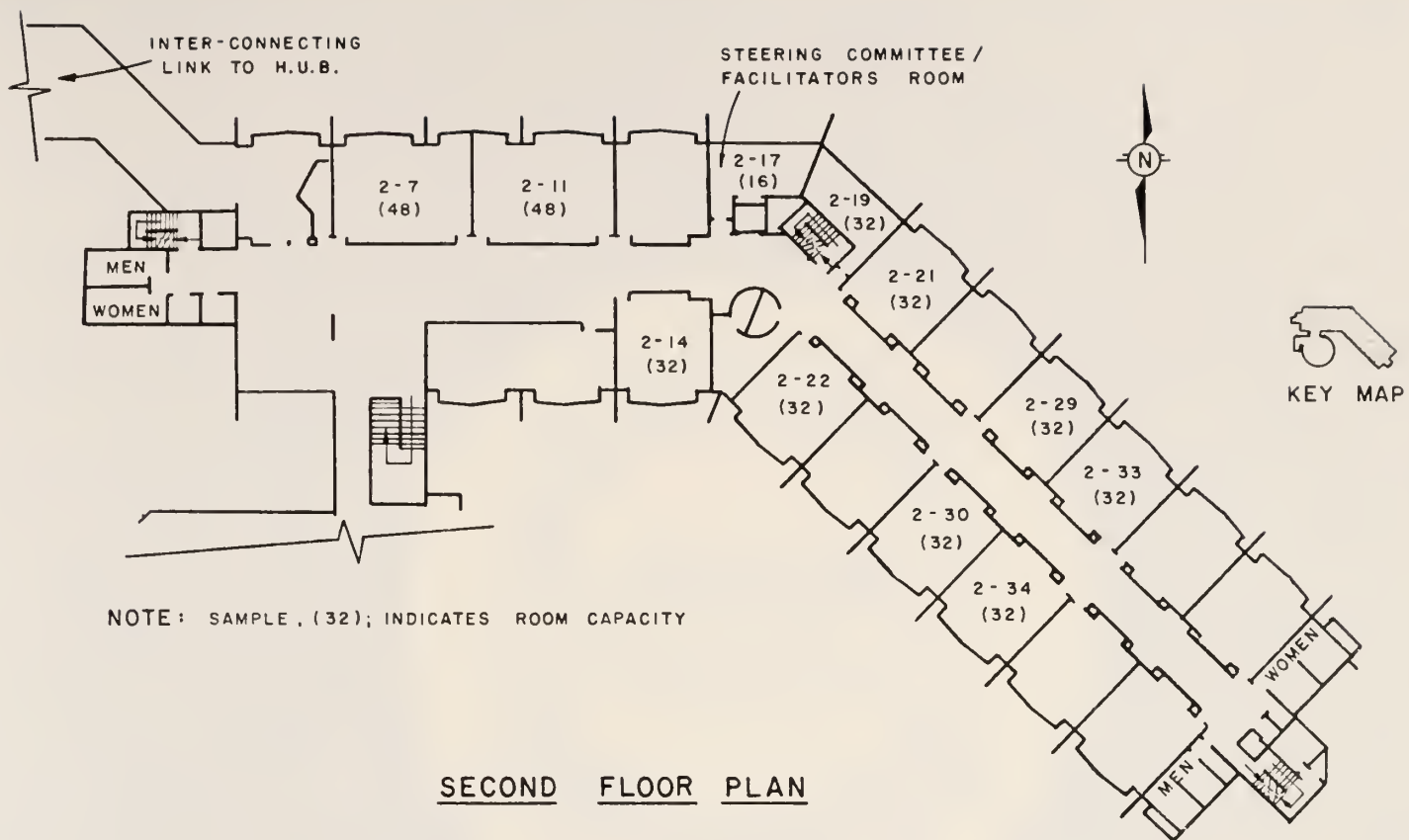
As administrator, Bonnie Pocock took care of the thousand details involved in ensuring the smooth running of the event.

Susie Washington of Alberta Environment and Steve Tyler of Alberta Energy and Natural Resources planned the "Energy and the Future" component.

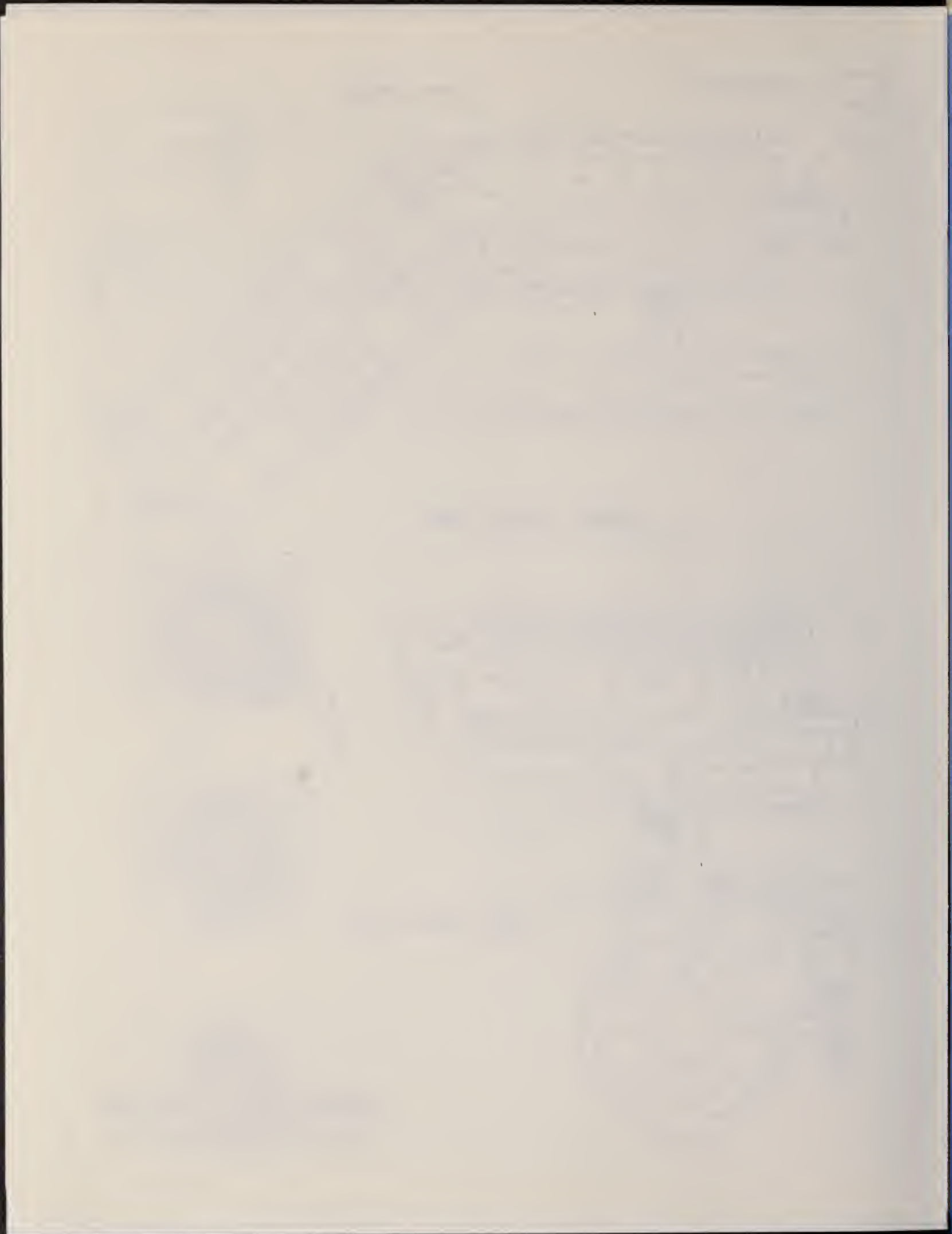
Felicity Edwards and Brian Plesuk planned the other components.

Felicity Edwards co-ordinated the total program.





HUMANITIES CENTRE  
(UNIVERSITY OF ALBERTA)





# **NETWORK DIRECTORY**





**Abdurahman, Muriel R.**  
Mayor  
Town of Fort Saskatchewan  
10005 - 102 Street, Fort  
Saskatchewan, AB. T8L 2C5  
(403)998-2266

**Adcock, Randal**  
Summer Professional  
Petro-Canada Environmental & Social  
Affairs  
Box 2844, Calgary, AB. T2P 3E3  
(403)232-8412

*Area of Involvement:* Development of theory and methodology in social impact Assessment using systems theory and phenomenology  
*Education:* B.A. Philosophy and Sociology; presently M.A. student  
*Employment:* Presently summer professional with Petro-Canada  
*Experience:* Youth work, Community Development, Research  
*Resources You Have To Share:* Methodology in Cross-Cultural Impact Assessment  
*Issues:* Impacts of energy development on native groups; social impact assessment; modelling and simulation.

**Allan, Jo-Ann**  
Director  
Family & Community Support Services  
Box 300, Grande Cache, Ab. T0E 0Y0  
(403)827-2296

**Anderson, Marilyn N.**  
Planner  
Transportation Systems Design Dept.,  
City of Edmonton  
10th Fl., 9803 - 102A Avenue,  
Edmonton, AB. T5J 3A3  
(403)428-2986

*Area of Involvement:* Transportation planning; particularly in the area of review and approval of subdivision plans in new areas of the City.  
*Education:* B.A. (English, Geography) U. of Victoria; M.A. in progress at U. of Alberta (Community Development).  
*Employment:* City of Edmonton, Transportation Systems Design Department, 1978-present.  
*Experience:* Involved in preparing community impact assessment of implications of transportation projects (energy as such rarely dealt with in terms of community impact).  
*Resources You Have To Share:* Knowledge of the planning and political processes in the City, and the difficulty of implementing recommendations for change in policy, as regards to energy efficiency and the private developer.  
*Issues:* Particularly interested in the

criteria for community impact assessment and how appropriate these criteria would be in the transportation planning process.

**Anear, David**  
Public Involvement Coordinator  
Dept. of Environment, Gov't of  
Saskatchewan, Public Info. and education  
1855 Victoria Avenue, 5th Fl., Regina,  
Sask.  
(306)565-6128

*Area of Involvement:* community impact, public review process

**Archibald, Jerry**  
Director, Research and Analysis  
Northern Alberta Development Council  
Bag 900, Peace River, AB. T0H 2X0  
(403)624-6274

*Area of Involvement:* broad socio-economic analysis of needs and programs in Northern Alberta; identification of issues; recommendations for improvements  
*Education:* B.A. Sociology, C.I.M. (Canadian Institute of Management - certified Canadian Industrial Manager)  
*Employment:* Northern Alberta Development Council, province of Alberta, private consulting, social service delivery.  
*Experience:* Management of large scale studies, coordination of research, social service director, management training  
*Resources You Have To Share:* application of research, systems for monitoring impact, community participation techniques.  
*Issues:* development of coordination among government, industry, communities in development.

**Aronson, Craig**  
Lawyer and Policy Analyst  
Battelle Institute  
4000 NE. 41st Street, Seattle, Wa.,  
U.S.A. 98105  
(206)525-3130

*Area of Involvement:* Fiscal planning for and U.S. legal framework  
*Education:* J. D. with good standing at University of Chicago Law School. B.A., summa cum laude, Dartmouth College  
*Employment:* Currently a lawyer and policy analyst with the Battelle Institute, where I have been involved with a range of energy-related problems.  
*Experience:* Have also worked for a corporate law firm and for the Mandel Legal Aid Society.  
*Resources You Have To Share:* Knowledge U.S. legal system and U.S. efforts at energy development and



impacts migration.

*Issues:* Best means of mitigating impacts, successful efforts at corporate-government energy "partnerships, requirements for effective negotiating framework.

**Atkins, Alison**

Senior Socio-Economic Specialist  
Northern Pipeline Agency  
#200, 4114 - 4th Avenue, Whitehorse,  
Yukon Y1A 4N7  
(403)668-4301

*Area of Involvement:* Socio-economic planning & regulations

*Education:* Honors degree in psychology - environmental and economics alternates.

*Employment:* Urban transportation planner - Transport Canada

*Experience:* Wide variety of community development and impact assessment work - professionally and voluntarily.

*Issues:* Mega-projects development planning and impact assessment.

**Baker, Kathleen**

Regional Officer  
Athabasca University  
9401B - Franklin Avenue, Fort  
McMurray, Ab. T9H 3Z7  
(403)743-1846

*Area of Involvement:* Distance University education in Fort McMurray regional office.

**Baril, Raymond G.**

Section Head  
Ontario Hydro  
700 University Avenue, Toronto, Ontario  
M5G 1X6  
(416)592-3962

*Area of Involvement:* Social impact assessment and monitoring

*Education:* Psychology and philosophy

*Employment:* Ontario Hydro Social and Community Studies

*Experience:* Four years in social impact assessment, six years in social research

*Issues:* Impact management - experience with other approaches

**Barnsley, Jan**

Coordinator  
Women's Research Centre  
#301, 2515 Burrard Street, Vancouver,  
B.C. V6J 3J6  
(604)734-0485

*Area of Involvement:* Women in economic development

*Experience:* Research on women's issues, evaluation, program development,

federal government, organizing women employed in nonunionized ghettoized job areas.

*Resources You Have To Share:* Research information and expertise on women in economic development - in particular Alaska Highway Gas Pipeline, and alternate services for women.

*Issues:* Iteration of social infra-structure issues in socio-economic impact assessment, tripartism and the community - the relationship between women's domestic labour and social service sector employment and economic/energy development.

**Barry, Mary Pat**

Information Representative  
Trans-Alta. Utilities  
110 - 12 Avenue S.W., Calgary, AB.  
T2P 2M1  
(403)267-7383

**Bear, Enid**

Training Consultant  
The Training Group  
7909 - 51 Avenue, Edmonton, AB. T6C 4J5  
(403)468-5773

*Area of Involvement:* Industrial Training; Gross-Cultural project work; workshops re: supervision in the north.

*Education:* B.A. Languages, Psychology. B.Ed. Communications; Psychology.

*Employment:* in areas such as teaching personnel, small business. Currently in training consultant capacity.

*Issues:* Investigate extent of socio-economic development within resources area

**Bell-Lowther, Erica**

Partner  
Buckle & Bell-Lowther Social Planning Consulting Services  
#7, 721 - 13 Avenue S.W., Calgary, AB. T2R 0K8  
(403)261-6804

*Area of Involvement:* Urban Social Planning - social impacts, urban areas research, evaluations, teaching, human service organizations.

*Education:* M.S.W. - Social Planning & Community Development

*Employment:* C.M.H.C. Secretary of State; City of Edmonton, 5 years, Social Planning, U. of Calgary - teaching, contracts - social policy development.

*Experience:* P.S.S. Evaluations Board Member - Urban Reform Group of Edmonton (U.R.G.E.), 4 years; Political Urban Party/Vice Chairman - West 10 P.S.S. Neighborhood Resource & Information Centre.

*Resources You Have To Share:*



Experience in working with neighborhood groups in social impact assessment; 10 years in field of social planning; political experience in civic politics.

*Issues:* How to assess impacts on people and services in urban areas of Edmonton & Calgary of resource development in North - so can assess costs and urban politicians can make better case to province for more funds.

**Bellows, Lloyd A.**  
Manager, Development Dept.  
Energy Resources Conservation Board  
640 Fifth Avenue, S.W., Calgary, AB.  
T2P 3G4  
(403)261-8169

*Area of Involvement:* approval of applications to drill wells (oil and gas) and construct and operate production facilities.

*Education:* B.Sc., petroleum engineering. Graduate studies, business admin.

*Employment:* Energy Resources Conservation Board in various field, supervisory and management positions, mostly related to oil and gas.  
*Experience:* Regulatory role in drilling, production, pipelines, e Resources You Have To Share: Familiarity with ERCB "quasi judicial" process at public hearings into applications for energy development. Senior examiner for examiner hearings.

*Issues:* Hope to gain a better appreciation of the concerns of planners and communities as they relate to energy projects in Alberta.

**Berger, Tom (Hon. Justice)**  
The Law Courts  
800 Smithe Street, Vancouver, B.C. V6Z 2E1

**Bernatzki, Roger A.**  
Chief Executive President and Officer  
Fort McMurray Regional Hospital  
7 Hospital Street, Fort McMurray, AB.  
T9H 1P2  
791-6022

*Area of Involvement:* Health Care Administrator

*Education:* B. Comm. University of Calgary, M.H.S.A., University of Alberta, 1 yr. Eng. Queen's

*Employment:* President & Chief Executive Officer, Fort McMurray Regional Hospital

*Experience:* Chairman of Keyano College Board of Governors, Member of Alberta Games Council.

*Resources You Have To Share:* Experienced boom of Syncrude Canada Limited, Presently on Alsands Impact

Committee.

**Bianic, Janet**  
Community Relations Manager  
Suncor  
10014B Franklin Avenue, Ft. McMurray,  
AB. T9H 2K6  
743-1225

**Birnbaum, David**  
Environment Assessment  
Ministry of Environment  
10 floor, 135 St. Clair Ave. W.,  
Toronto, Ontario M4V 1P5  
(416)965-3198

**Blackburn, Ron**  
Northern Dev. Office  
North Dev. Branch  
2 floor, Prov. Building, Peace River, Ab  
T0H 2X0  
(403)624-6274

*Education:* Masters degree in Economics  
*Experience:* Northern Dev., Northwest Territories, Economic Dept. - Loan Funds.

**Bloxham, Sheila**  
Health Programs Coordinator  
Fort McMurray & District Health Unit  
42 Riedel Street, Fort McMurray, AB.  
(403)743-1000, ext. 329

**Blumenthal, Leonard M.**  
Assistant Executive Director  
Alberta Alcoholism and Drug Abuse Commission  
6 floor, 10909 Jasper Avenue,  
Edmonton, Ab T5J 3M9  
(403)427-2837

*Area of Involvement:* Programme delivery to alleviate alcohol and drug problems.

*Education:* B.Ed., Psychiatric Residency, Management training

*Employment:* 15 years with the Alberta Alcoholism and Drug Abuse Commission.

*Experience:* 15 years in programming, 10 years in Federal-Provincial work, 9 years of International work

*Resources You Have To Share:* My experiences

*Issues:* Inclusion of social concerns in planning of energy projects.

**Bott, R.D.**  
Managing Editor  
Energy Magazine  
B2, 112 - 11th Avenue S.E., Calgary,  
AB. T2G 1X5  
(403)266-5301

*Area of Involvement:* Energy policy, energy conservation  
*Employment:* Journalist for 10 years.

**Bouckhout, Leo**  
Manager, Environmental & Socio-Economic Affairs  
Husky Oil Ltd.  
Box 6525, Calgary, AB. T2P 3G7  
(403)267-6160

*Education:* Masters in Ecology  
*Employment:* With the Lombard North Group Ltd. for 2 years and 6 years as environmental consultant for the Foothills Pipeline (Yukon) Ltd.

**Bougsty, Tom**  
Psychologist  
Southeast Wyoming Mental Health Center, Inc.  
Box 1005, Cheyenne, Wyoming, U.S.A. 82001  
(307)634-9653

*Area of Involvement:* social/psychological problems, mental health and human services in impacted areas.  
*Education:* Ph.D. Counselling Psychology; M.S. Psychology; B.S. Psychology and Zoology  
*Employment:* Psychologist; Southeast Wyoming Mental Health Center.  
*Experience:* 7 years community consultant/researcher in impacted towns; psychotherapist - group, family, conjoint, individual (adult-children).  
*Resources You Have To Share:* Several papers addressing social/psychological problems in impacted towns.  
*Issues:* network with others who are interested in interdisciplinary approaches to boom town problems; share planning/prevention strategies for mitigating human problems in impacted areas.

**Boyce, Steve**  
Planning Coordinator  
Ministry of Human Resources (B.C.)  
#203, 1508 - 102 Ave., Dawson Creek, B.C. V1G 2E2  
(604)782-5931, loc. 278

**Brook, John B.**  
President  
JJ Brook Limited  
1904, 145 Point Dr., N.W., Calgary, AB. T3B 4W1  
(403)233-8545

*Area of Involvement:* Industrial training for energy projects, native participation in energy projects.

*Education:* B.Sc. Chemical Engineering, Development of training programs for industry and natives.  
*Employment:* Dow Chemical, Sales Mgr.; Syncrude - Administrator Training Program; IDS Manager, Calgary Office; Intergrid Training Ltd., President; JJ Brook Ltd., President. Experience: Assessing and developing training programs for industry, Indian Community Development.  
*Resources You Have To Share:* Training development and working with Indian communities.  
*Issues:* 1. Industry wide training approach. 2. How to involve native people and determine the desirable areas of participation.

**Brown, Gail**  
Director  
University of Alberta, Housing & Food Services  
44 Lister Hall, University Campus, Edmonton, Ab.  
(403)432-4288

*Area of Involvement:* energy management in housing and food operations and a commercial operation (Hub Mall) - all high energy users.  
*Education:* M.A. in Public Administration (1978) Carleton University  
*Employment:* former Director of Recreation  
*Issues:* research shows that level of success in energy management programs is increased when students/clients are actively involved in the remedial activities. I'd like to discuss community involvement with people who have had success in this area.

**Brushett, E.R.**  
Manager, Environment Protection Department  
Energy Resources Conservation Board  
640 - 5 Avenue, S.W., Calgary, Ab. T2P 3G4  
(403)261-9121

*Area of Involvement:* Responsible for board - gov't liaison in environmental areas. Line responsibility for admin. of boards environment prot. regulations.  
*Education:* B.Sc. Chemical Engineering U of A. (1954)  
*Employment:* Entirely with ERCB  
*Experience:* 10 years field experience - oil and gas in Boards area offices, 3 years reservoir engineering, 5 years systems analysis Data Processing, 9 years environmental area as assist manager and subsequently manager.  
*Issues:* will be chairing a session

**Bryant, Lyn**



Associate Director  
Fort McMurray & District Health Unit  
42 Riedel St., Fort McMurray, AB.  
(403)743-3232

**Butler, Dr. R. W.**  
Associate Professor  
University of Western Ontario  
Geography Department, University of  
Western Ontario, London, Ontario L6A  
5C2  
(519)679-6853

*Area of Involvement:* Leisure/recreation  
needs of energy development  
employees; impacts on local  
communities.

*Education:* Ph. D. in Geography  
*Employment:* Associate Professor in  
Geography; consultant in recreation,  
resources. *Experience:* 14 years  
University teaching and research; work  
for P Resource You Have To Share.  
Knowledge of studies in Alberta,  
Newfoundland and Scotland.  
*Issues:* Role of industry in planning and  
provision of services.

**Cairns, Paul M.**  
Commercial Market Advisor  
Alberta Power Limited  
10040- 104 Street, Edmonton, AB. T5J  
2V6  
(403)420-7611

*Area of Involvement:* Energy  
Management - promoting the efficient  
use of energy among commercial and  
agricultural customers.

*Education:* B.A.  
*Employment:* Alberta Power Limited -  
Commercial Market Advisor.  
*Experience:* Varied; from construction  
to marketing to present.

**Carey, Paula M.**  
Socio-Economic Advisor  
Gulf Canada Res. Inc.  
P. O. Box 130, Calgary, AB.  
(403)273-5426

*Area of Involvement:* Policy and  
program planning in GCRI.

*Education:* BSc in Biology, Major  
Limnology  
*Employment:* Socio-Economic Advisor  
1981 (Environmental Scientist in  
Production Dept. 1979-81)  
*Experience:* EIA on Hanlan-Robb Gas  
Plant, Strachan Drilling Tower, Pincher  
Creek Shut-Down, Cornerstone Report  
feedback workshops.  
*Resources You Have To Share:*  
Environmental contacts in industry,  
communication techniques.  
*Issues:* Interactive planning with  
government on energy projects.

**Carley, Michael J.**  
Senior Analyst  
Cornerstone Planning Group Limited  
22 Creekhouse, Granville Island,  
Vancouver, B.C. V6H 3R9  
687-5896

*Area of Involvement:* Social Impact  
Assessment, and Social Planning and  
Research

*Education:* B.Sc. Regional Studies, M.Sc.  
Social Policy and Planning

*Employment:* formerly Research Fellow,  
Policy Studies Institute, London, U.K.

*Experience:* Social Impact Assessment  
and Policy Analysis in Canada and the  
UK especially re Coalfields and Power  
Stations

*Resources You Have To Share:* Recent  
publications: "Rational Techniques in  
Policy Analysis" (Heinemann), "Social  
Measurements and Social Indicators",  
(Allen and Unwin), "SIA: A Cross-  
Disciplinary Guide to the Literature"(PSI)  
*Issues:* The relevance of SIA/EIA to  
decision-making in government and  
industry.

**Cattanach, Rory**  
Senior Analyst, Regional Development  
Dome Petroleum Ltd., Environmental  
Affairs  
Box 200, Calgary, AB. T2P 2H8  
(403)260-2912

*Area of Involvement:* Dome's activities  
in the Arctic

*Education:* Honours B.A. (Economics)

*Employment:* Senior Analyst, Regional  
Development in the Environmental Affairs  
Section of Dome Petroleum.

*Experience:* 1 year

*Issues:* Effects of energy development  
on frontier areas (i.e. the North)

**Chapman, Wes**  
Associate Professor of Art  
Southern Oregon State College  
Ashland, Oregon 97520  
(503)482-6386

*Area of Involvement:* Photography,  
history of photography

*Education:* B.A. (Art) Ph.D. - Art  
Education

*Employment:* Teaching and free lance  
photography

*Resources You Have To Share:*  
Photographs of an impacted strip mining  
area in south-eastern Montana - 5 year  
project; plus slides and paper.

*Issues:* Discuss production and  
consumption.

**Chase, Robert A.**  
Research Specialist  
Dept. of Agricultural Economics



North Dakota State University, Fargo,  
U.S.A. 58105  
(701)237-8507

*Area of Involvement:* socio-economic  
impact modelling, energy development,  
community economic development

*Education:* Masters in Agricultural  
Economics, University of Wisconsin,  
1980. B.A.

*Employment:* Graduate research assistant  
- University of Wisconsin

*Experience:* Impact of shopping center  
development on small communities,  
economic modelling.

*Resources You Have To Share:*  
Presenter. "Socioeconomic Impact  
Monitoring Systems: A Review and  
Recommendation"

*Issues:* energy boom bust cycle.

**Clarkson, Mary**

Community Services Coordinator  
Grande Prairie & District Preventive  
Social Services  
9925 - 100 Avenue, Grande Prairie,  
Ab. T8V 0V1  
(403)532-1055

*Area of Involvement:* Community  
Development, Social Planning, Criminology

*Education:* Masters in Criminology

*Experience:* 3 years - Vancouver &  
Grande Prairie

**Collins-Dodd, Colleen**

Research Officer  
Premier's Office, Government of Alberta  
Room 502 Legislature Bldg, Edmonton,  
AB. T5K 2B6  
(403)427-2251

*Education:* B. Comm. University of  
Alberta

*Resources You Have To Share:* access  
to public government information.

**Connor, Desmond M.**

Consulting Sociologist and President  
Connor Development Services Ltd.  
433 Inglehart Street, Oakville, Ontario.  
L6J 3J5  
(416)845-4714

*Area of Involvement:* Design,  
management and evaluation of public  
participation and social impact  
assessment programs.

*Education:* Agriculture, Rural Sociology,  
Applied Anthropology, Organization  
Development.

*Employment:* Part-time university  
teaching; principal of a consulting firm  
specializing in public participation and  
S.I.A. for the last 12 years.

*Experience:* Over 80 projects across  
Canada - rural and urban; airports,  
highway, transmission lines, landfills,

PCBs, power plants, mines, river basins,  
official plans, harbours, energy, parks,  
land use, pipelines, LNG, etc.

*Resources You Have To Share:* Above  
plus commitment to make participative  
planning and decision making work.

*Issues:* Ways to build a positive  
partnership between all those affected  
by energy development.

**Corbett, Judy**

Director  
California State Energy Commission  
Howe Avenue, Saramento, California,  
U.S.A.  
(916)920-7623

*Area of Involvement:* Co. planner of  
Village homes, worked for Solar  
California Council, local government  
energy conservation

*Education:* B.A. Davis, Micro Biology  
Masters - ecology, speciality -  
environmental psychology.

*Resources You Have To Share:*  
Co-authored book "Village, Home Solar  
House Design"

**Corbett, Michael**

Principal  
Michael Corbett Master Building & Town  
Planning Associates  
2417 Bucklebury Road, Davis, California,  
U.S.A. 95616  
(916)758-8505

*Area of Involvement:* Solar designer  
for housing, planning & subdi

*Education:* 3 years Architecture School  
, B.A. Psychology

*Experience:* wrote the book "A Better  
Place to Live", city planning emphasis on  
energy, environment and humane needs

*Issues:* neighborhood and town planning,  
a human environment

**Cox, Paul**

Northern Development Officer  
Northern Development Branch, Alberta  
Tourism & Small Business  
Postal Bag 900-14, Provincial Building,  
Peace River, Ab. T0H 2X0  
(403)624-6274

*Area of Involvement:* Participation in  
social and economic impact studies  
conducted by or for the Northern  
Development Branch on proposed

resource development projects in  
norther Alberta. Preparation of  
background reference materials for

northern Albertans and those with  
responsibility in northern Alberta.

*Education:* Ph.D. Development, University  
of Wisconsin - Madison. M.S.

Agricultural Economics, University of  
Wisconsin - Madison. M.A. Geography,

University of Calgary

*Employment:* 1979: continuing: Northern Development Officer, Northern Development Branch, Government of Alberta. 1973-77: Part-time Research Assistant and Researcher, University of Wisconsin - Madison.

*Experience:* 1977-78: Visiting scholar attached to Venezuela's foremost regional development agency -- FUDECO (Headquartered in Barquisimeto, Venezuela)

*Resources You Have To Share:* Ongoing responsibility as project director for a consultant study designed to produce guidelines, for community leaders in northern Alberta, on how to go about commissioning/conducting a community level, socio-economic impact study.

*Issues:* Pooling, consolidating and evaluating existing impact studies. Documenting different experiences in community involvement related to impact studies

**Crone, Harvey**

M.M. Dillon Ltd.  
#302, 10335 - 172 Street, Edmonton, AB.  
(403)483-9515

*Area of Involvement:* Community impact assessment; land use planning.

*Education:* Masters in Urban/Regional Planning; B.A. in Economics

*Employment:* Head, Community Planning and Environmental Assessment; M.M. Dillon Ltd.

*Experience:* Involvement in servical impact assessments; rural and community planning and change.

*Resources You Have to Share:* Experience in several areas, jurisdictions.

*Issues:* Attitudes/values towards community change; examples for other areas; post impacts assessments of projects (i.e. what has actually happened?).

**Czornobay, Mike**

Department of Rural Affairs  
2240 - Albert Street, Regina, Sask.  
S4P 3V7

**Dale, Lynne**

Senior Planner  
Alberta Municipal Affairs  
9925 - 107 Street, Edmonton, Ab. T5K 2H9  
(403)427-2225

*Area of Involvement:* Various planning studies in Fort McMurray; general plans for Bonnyville and Cold Lake; in general, impact assessment in NE Alberta.

*Education:* M.A. in Regional & Resource

Planning

*Employment:* 1973-76. City of Ottawa, with Alberta Municipal Affairs since August 1976 - Municipal Planning and then Research and Development.

*Issues:* Interest in the "state of the art" outside Alberta - interested in comparisons.

**D'Amore, Lou**

President  
L. D'Amore Associates  
3680 Mountain Street, Montreal, P.Q. H3G 2A8  
(514)281-1822

*Area of Involvement:* SIA Social Planning

*Education:* B.A. Economics; M.B.A.

*Employment:* L. D'Amore Associates

*Experience:* Varied.

*Resources You Have to Share:* Articles, anative biography

**Davenport, Joseph**

Associate Professor - Dept. of Social Work  
3632 University Station, Laramie, Wyoming 82071  
(307)766-6112

*Area of Involvement:* Rural community planning in relation to energy development; boom town human services.

*Education:* M.S.W.

*Experience:* Health and mental health settings, particularly in rural areas with native people.

*Issues:* Boom town effects on human services in rural areas.

**Davenport, Judith**

Acting Head of the Dept. of Social Work  
Box 3632 University Station, Laramie, Wyoming 82071  
(307)766-6112

*Area of Involvement:* Boom town services, rural community planning in relation to energy development.

*Education:* M.S.W.

*Employment:* Teaching at other universities.

*Experience:* Health and mental health settings particularly in rural areas with native people.

*Issues:* Boom town effects on human services in rural areas.

**Davies, Adriana**

Senior Editor  
New Canadian Encyclopedia Publishing Ltd.  
c/o University of Alberta, Ring House 4,



Edmonton, AB. T6G 2E1  
(403)432-2625

**Davis, William E.**  
Senior Policy Analyst  
Official Technology Assessment, U.S.  
Congress  
Washington, D.C., U.S.A. 20510  
(202)226-2206

*Area of Involvement:* energy  
development in Western U.S. and Alaska.  
Social and cultural change.

*Education:* Ph.D. Psychology. Bachelors -  
Sociology and Anthropology.

*Experience:* 14 years in Alaska.

*Resources You Have to Share:* Presenter.

**Dean, Thomas**  
Associate, Ryerson Energy Centre  
50 Gould Street, Toronto, Ontario M5B  
1E8  
(416)595-5071

*Area of Involvement:* Education and  
communications

*Education:* B.A. (Sociology of  
Communications)

*Employment:* Ryerson Energy Centre -  
Associate; Etobicoke Board of Education -  
Teaching environmental science and  
urban studies.

*Experience:* Cdn. Energy Exposition  
Steering Committee; International  
Association of Business Communications;  
Toronto 2000 Futures Group.

*Resources You Have To Share:* Energy  
information service - Ryerson Energy  
Centre including data base, research  
group and energy library.

*Issues:* Application of social synergy  
and inherent responsibilities.

**DeGroot, Pieter**  
Director of Edmonton Region  
A.A.D.A.C.  
#430, 9942 - 108 St., Edmonton, AB.  
T5K 2J5

**Denhez, Marc C.**  
Senior Counsel  
Inuit Tapirial of Canada  
176 Gloucester St., 3 floor, Ottawa,  
Ontario. K2P 0A6  
(613)238-8181

**de Silva, Walter**  
Director of Design  
Alberta Housing Corporation  
9440 - 49 Street, Edmonton, AB. T6B  
2N9  
(403)432-0273

*Area of Involvement:* Building design  
and construction.

*Education:* Graduate of architect,  
graduate of Town Planner

*Employment:* Director of Design, Alberta  
Housing Corporation, Northern Region.

*Experience:* Extensive experience in  
design and construction of housing -  
Town Planning and Urban Renewal.

*Issues:* Planning and Policy Issues.

**Dickie, Ken**  
Counsellor  
Town of Pincher Creek  
Pincher Creek, Ab.  
(403)627-3351

*Issues:* Insight in the energy field and  
result on small towns and rural  
communities.

**Diepeveen, Bill**  
Public Participation Coordinator  
Alberta Environment  
11th Fl., 9820 - 106 St., Edmonton, AB.  
T5K 2V6  
(403)427-6338

*Area of Involvement:* Public  
participation, community impact  
assessment.

*Education:* M.S.W.

*Issues:* Relationship between physical  
planning and social impact.

**Duggan, Keith**  
Constable  
Edmonton City Police  
4 Sir Winston Churchill Square,  
Edmonton, AB.  
(403)428-3952

**Duncan, Linda**  
Environmental & Social Planning  
Consultant  
Self Employed  
9529 - 100A Street, Edmonton, AB.  
T5K 0V5  
(403)424-4990

*Area of Involvement:* Assisting  
communities to identify and resolve their  
own destinies.

*Education:* law degree with special  
interest in environmental law and  
planning law.

*Employment:* Social planner 4 years  
with Edmonton Social Planning Council;  
private law practice; private consultant  
for 3 years, research, organization,  
legal, environmental, urban problems.

*Resources You Have To Share:*

Organization, legal analysis, hearing Issues:  
I hope this meeting will result in a  
sharing of concerns by environmentalists,  
farmers, urban planners, business, etc.,



and a union formed to put us back on the right path.

**Dungey, Debra**

Member  
Yukon Status of Women Council  
600 Drury Street, Whitehorse, Yukon  
(403)667-2154

**Dunn, Patty**

Community Service Worker  
C.A.R.C.S.  
Box 771, Chetwynd, B.C. BOC 1J0  
(604)788-2573

*Area of Involvement:* Community development - involving crime prevention - community participation

*Education:* B.Sc. Biology

*Employment:* Ministry of Human Resources, Corrections Probation

*Resources You Have To Share:* Prior workshop on community development "Chetwynd Development - The Human Aspect".

*Issues:* Social and support systems for communities undergoing rapid growth and development.

**Dyck, Bert**

309 - 3 Sisters Drive, Canmore, AB  
TOL OMO  
(403)678-6206

*Area of Involvement:* Community development work, participatory research, community consultation.

*Education:* M.S.W. (Community development emphasis).

*Employment:* 4 1/2 years as a community worker and gov't advisor in the Canadian Eastern and Western Arctic. 5 years as Director of the Banff Social Planning Office.

*Experience:* Have developed an approach to community development and self help that is particularly effective in rural areas and small towns (participatory research)

**Edwards, Felicity**

Research Manager  
Alberta Environment  
15 floor, 9820 - 106 Street,  
Edmonton, AB. T5K 2J6  
(403)427-3943

*Area of Involvement:* research in social issues surrounding energy development, the siting process, coal, oil sands, water resources.

*Education:* B.Sc and M.Sc in Human Ecology.

*Employment:* oil sands research program, Research Management Div., Alberta Environment, environment social

research.

*Experience:* Northern Alberta, West Scotland, research orientation.

Government/industry/community coordinator.

*Resources You Have To Share:* Alberta perspective, wide range of contacts, scientific information.

*Issues:* positions of industry/gov't/community to be clarified, perspective of community members.

**Eliasoph, Hy**

Socio-Economic Planner  
Techman Engineering Ltd.  
926 - 5th Avenue S.W., Calgary, AB  
T2P 2M7  
(403)267-6270

*Area of Involvement:* Socio-economic planning within a resource development context.

*Education:* M.A. Urban Geography

*Employment:* Previous - Alberta Municipal Affairs

*Experience:* Research design, quantitative techniques, socio-economic baseline and impact studies.

*Resources You Have To Share:* Newtown computer modelling, employment multipliers.

*Issues:* Framework for socio-economic impact assessment - coordinating community participation, resource development objectives.

**Ellis, Diana**

Research Associate  
Women's Research Centre  
#301, 2515 Burrard Street, Vancouver,  
B.C. V6J 3J6  
(604)734-0485

*Area of Involvement:* Women in economic development

*Employment:* Consultant on women's issues, organizing skills and social animation

*Experience:* Organizer, animator, research associate and project coordination.

*Resources You Have To Share:* Material, skills and experience in the area of women and economic development.

*Issues:* Role of women in and on energy/economic development.

**Elsnes, Loretta J.**

Adjunct Instructor of Geography  
Western State College of Colorado  
Gunnison, Colorado, U.S.A 81230  
(303)943-2081

*Issues:* human geography, impact of energy development on women.

**Elsnes, James R.**

Associate Professor of Geography  
Western State College of Colorado,  
Division of Geography  
Gunnison, Colorado, U.S.A. 81230  
(303)943-2081

*Resources You Have To Share:*  
Geography of energy  
*Issues:* Human geography and how  
energy is affecting it.

**Elson, John P.**  
Alsands Energy Ltd.  
Box 2606, Station M, Calgary, AB. T2P  
3A9

**Emberley, Kenneth**  
387 Truro Street, Winnipeg, Manitoba  
R3J 2A5  
(204)888-5920

*Area of Involvement:* Member of group  
advising city council in city for 6 years;  
citizen member of Ministry of  
Transport-Airport for 6 years, member  
of Crossroads Alternative Energy  
Resource Group.  
*Issues:* Conservation and alternate  
energy sources, the energy type  
chooses our life style.

**Erasmus, Peter**  
Council Member  
Northern Alberta Development Council  
McRae, Alberta T0L 2A0

*Area of Involvement:* Native people's  
education and native business  
*Employment:* Self employed  
*Experience:* Member of advisory  
committee of the Native People  
Education.

**Erickson, Les**  
Northern Program Coordinator  
Saskatchewan Mining Corporation  
122 Third Avenue N, Saskatoon, Sask.  
S7K 2H6  
(306)664-6831

*Area of Involvement:* Northern Energy  
Education and Information Programs.  
Northern Opportunities and Community  
Contacts. Education: Sociology  
*Employment:* Saskatchewan Mining  
Corporation, Saskatoon; Northern Municipal  
Council, La Ronge, Sask.  
*Experience:* E.I.S. critiques and public  
hearings  
*Resources You Have To Share:*  
Information exchange.  
*Issues:* Energy and education; public  
awareness programs; social impacts of  
development; E.I.A. & public hearing  
procedures.

**Fedorak, Bev**  
Director of Community Services  
City of Fort McMurray  
42 Riedel St., Fort McMurray, AB.  
(403)743-1000 (ext. 329)

**Fedoruk, Frank W.**  
E.I.A. Co-ordinator  
Alberta Environment  
11 floor, 9820 - 106 Street,  
Edmonton, AB. T5K 2J6  
(403)427-6341

*Area of Involvement:* coordinating  
environmental impact assessments of  
major industrial and resource  
development projects in Alberta, e.g.  
coal and heavy oil.  
*Education:* M.A. Political Science,  
University of Manitoba  
*Employment:* 5 years management  
consulting, socio-economic emphasis; 7  
years in social program planning, and  
implementation for public sector.  
*Issues:* the constraints on planning for  
a better environment including economic,  
political, etc.

**Finnerty, R. M.**  
Exec. Director, Government of Alberta  
Northern Alberta Development Council  
Bag 900, Peace River, AB. T0H 2X0  
624-6274

*Area of Involvement:* Public  
participation, research and coordination  
of government program delivery.  
*Education:* Bach. Degree, University of  
Alberta  
*Employment:* Exec. Director, Northern  
Dev. 1976-81, Private Consultant  
1974-75, Exec. Council, Government of  
Alberta, 1972-74  
*Experience:* Broad in Business and  
Government.  
*Issues:* Public participation,  
industry/government coordinator.

**Flanagan, Greg**  
Economics Instructor  
Grant MacEwan Community College  
10045 - 156 Street, Edmonton, AB.  
T5J 2P2  
(403)483-2318

*Area of Involvement:* Energy efficient  
housing, economics of energy.  
*Education:* BA Economics, Master of  
Environmental Studies  
*Employment:* Instructor - Grant  
MacEwan Community College  
*Experience:* Teaching, construction and  
renovating  
*Issues:* Energy conservation,  
community/individual, small scale energy,  
production-consumption



**Fleger, Marilyn**

Extension Assistant  
University of Alberta, Faculty of  
Extension  
238 Corbett Hall, Edmonton, AB. T6G  
2G4  
(403)432-5052

*Area of Involvement:* Steering  
Committee Member - The Human Side  
of Energy; Adult Education for Public  
Administration and Local Government.  
*Education:* B.A.  
*Experience:* Sexual Assault Centre of  
Edmonton - Volunteer on crisis line and  
in public education.

**Fleming, Don**

Co-ordinator  
Provincial Government, Social Services &  
Community Health  
9401A Franklin Avenue, Fort McMurray,  
Ab. T9H 2J5  
(403)743-7284

**Flook, William A.**

Director - Liaison  
Environment Council of Alberta  
2100 College Plaza, Tower 3, 8215 -  
112 St., Edmonton, AB. T6G 2M4  
(403)427-5792

**Ford, Dr. Gary R.**

Program Coordinator  
Edmonton Local Board of Health  
7th Floor, CN Tower, 10004 - 104  
Ave., Edmonton, AB. T5J 0K1  
(403)428-5605

*Area of Involvement:* Consultation for  
health and well-being of individuals,  
families, groups and organizations.  
*Education:* Bachelor of Commerce,  
Master of Business Administration, Ph.D.  
Educational Psychology.  
*Employment:* Program Coordinator and  
Mental Health Consultant with the Mental  
Health Division of the Edmonton Local  
Board of Health for 6 years. Previous,  
taught organization theory at the  
University of Alberta, Faculty of  
Business Admin. Extensive experience  
over the past 12 years as an adult  
educator.  
*Resources You Have to Share:*  
Understanding of human dynamics, stress  
management, problem solving excellence,  
conflict management, effective  
interpersonal communication.  
*Issues:* Dependency resulting from  
present day energy technology; the well  
community idea; ownership of energy;  
human implications of future  
technologies; using the "impossible"  
energies.

**Foster, John C**

Social Planning Assistant  
City of Medicine Hat, Social Planning  
Dept.  
533 - 1 Street, S.E., Medicine Hat, Ab.  
T1A 0L5  
(403)527-7739

*Area of Involvement:* social planning  
*Education:* MA in Community & Regional  
Planning (UBC)  
*Resources You Have To Share:*  
Information on Medicine Hat's utilities  
(the city owns its own resources)  
*Issues:* Solar energy, the present  
"State-of-the-art" financial aspects of  
conversion, and scenarios for the future  
(Medicine Hat has the greatest number  
of hours/year of sunshine of anywhere  
in Canada)

**Fowler, Baron**

President  
Solar Energy Society of Canada,  
Northern Alberta Chapter  
204, 10830 - 107 Avenue, Edmonton,  
AB. T5H 0X3  
(403)428-1680

*Area of Involvement:* Designer of  
super-insulated, solar tempered homes.

*Education:* NIL - self educated.  
*Employment:* Self employed, president -  
Prairie Solar Systems Ltd.  
*Experience:* Designed and consulted on  
several homes in Edmonton area.  
*Resources You Have To Share:* What  
ever knowledge I have.  
*Issues:* How do we switch from  
fossil/nuclear fugis to solar/renewable  
energies with the minimum of violence  
and upheaval?

**Franzoni, Dr. Edward**

Consulting Psychologist  
HLA Associates  
210, 5004 - 98 Avenue, Edmonton,  
AB. T6A 0A1  
(403)464-6304

*Area of Involvement:* Human Resources,  
selection process, executive assessment,  
management consulting, training  
*Education:* B.A. Economics - W. VA.  
Wesleya, M.A. Educational Psychology -  
Wesleya, M.A. Educational Psychology -  
University of Alberta.  
*Employment:* Consulting Psychologist, oil  
and gas drilling and servicing, mining  
*Experience:* Consulting - Alberta, B.C. -  
oil and gas - research in selection -  
socio-economic considerations in coal  
mining - B.C., Alberta.  
*Resource You Have To Share:* Paper  
"Human Resources - New Directions for  
People Problems in the Oil Patch".  
*Issues:* Share experience and



communicate with others, present paper, participate in panel discussion.

**French, Reid**

Socio-Environmental Planning Advisor  
Sask.-Oil Ltd. 1500 Chateau Tower, 1920  
Broad Street, Regina, Sask. S4P 3C4  
(306)565-7054

*Area of Involvement:* Provide social conscience in energy development

*Education:* Bach. Planning, Waterloo, Masters in Geography, Regina, Sask.

*Employment:* Past Asst. Director of Planning for City of Regina, Department of Municipal Affairs.

*Issues:* Regional impact analysis on small communities.

**Fricker, Robert**

President and General Manager  
Business Assistance for Native Albertans Corporation  
11738 Kingsway Avenue, Edmonton, AB.  
T5G 0X5  
(403)454-0744

*Area of Involvement:* Socio-economic Development

*Education:* B.A. Soc, M.B.A.

*Employment:* President, BANAC

*Experience:* Manager, Socio-economic Affairs, Esso Resources 1977-81, Business Assistance to Native Albertans Corporation, 1981-present.

*Issues:* Economic development for native people, impact on native people of industrial development.

**Fryers, Walter**

Organizer Unit A R011353  
Technocracy Inc.  
9203S - 112 Street, Edmonton, Ab.  
T5G 2C5  
(403)432-0344

*Area of Involvement:* long term effects of high energy conversion rates on society

*Education:* B. Sc.

*Employment:* Retired, meteorological services of Gov't of Canada

*Experience:* 45 years experience in education and research, re: the application of science to society

*Resources You Have To Share:* Presentor

*Issues:* present problems and future solutions to the long term effects of high energy application on our society.

**Fulford, Julia**

Assistant Environmental Planner  
Fording Coal Ltd.  
128A - 8 Avenue, S.W., Calgary, Ab.  
T2P 1B3  
(403)287-2405

*Area of Involvement:* social community planning

*Education:* B.Sc. University of Calgary

*Employment:* Alberta Environment - public participation coordinator

*Resources You Have To Share:*

Shaughnessy project near Lethbridge and others

*Issues:* community input into energy involvement - how much? How to get involved?

**Fuller, Stephan**

President  
Cordillera Environmental Projects Ltd.  
Box 46254, Station G., Vancouver, B.C.  
V6R 4G6  
(604)754-7603 (Res)

*Area of Involvement:* Environmental management consulting, Environmental Impact Assessment, Environmental Conflict Resolution

*Education:* B.Sc. Environment Physics, Environment Management, Graduate Work.

*Employment:* Private consulting and government contractual work.

*Experience:* Artic & Alpine Environments, Energy Development Planning and Impact Assessment, Watershed Management, public participation methods, native groups.

*Resources You Have To Share:* Interest and some experience in community based impact assessment methods (Rural communities)

*Issues:* Environmental conflict resolution techniques and public participation methods.

**Ghostkeeper, Elmer**

President  
Federation of Metis Settlements  
10172 - 117 Street, Edmonton, AB. T5K 1X3  
(403)482-6894

*Area of Involvement:* Metis people

*Education:* B.A., University of Alberta

*Employment:* 1980 - President, Federation of Metis Settlements;

1977-79 - Summer employment, civil engineering technology, EPEC Consulting Western Ltd.; 1974-77 - Farmer, Paddle Prairie Metis Settlement

*Resources You Have to Share:*

Federation pamphlet.

**Gibbard, Paul**

Summer Student  
Gulf Canada Resources  
Box 130, Calgary, AB. T2P 2H7  
(403)233-5286

*Area of Involvement:* Native groups, public participation, social impact assessment.

*Education:* Anthropology student at The University of Calgary

*Employment:* Corporate socio-economic unit

*Experience:* Grew up in third world culture.

*Issues:* Resolution of conflicts between government, industry, and special interest groups.

**Gifford, Brian**

Community Development Officer  
Northern Development Branch  
Ste. 206, 9621 - 96 Avenue, Peace  
River, AB.  
(403)624-6350

**Gilliam, Kingsley**

Outreach Worker  
Canadian Mental Health Assoc.  
#201, 10580 - 109 St., Edmonton, AB.  
T5H 3B2  
(403)426-7020

*Area of Involvement:* Involved in the mental health field as an outreach worker with the Canadian Mental Health Association.

*Education:* B.A. Sociology & Social Welfare; presently graduate student - Community Development, U. of A. Diploma; Psychiatric Nursing, Kingston, Jamaica, Diploma in Early Childhood Education, Diploma in general arts, sciences and technology.

*Employment:* Have worked extensively in the human service agencies as well as in industry, including 5 years with INCO Ltd. in Sudbury, Ontario in a technical capacity as well as Syncrude Canada in Ft. McMurray - technical capacity.

*Experience:* A resident of Fort McMurray during the boom years and as Chairman of the P.S.S. board has to deal with numerous crises the community had to face as a result of the major industrial development and the accompanying increases in population.

*Issues:* Concerns in terms of the logging of soft services, or human service infrastructure in the planning of residential communities located in resource development areas.

**Gillespie, William C.**

Planner  
Alberta Municipal Affairs  
8th Fl., 9925 - 107 St., Edmonton, AB.  
T5K 2H9  
(403)427-2225

*Area of Involvement:* Regional and Urban Planning Research

*Education:* Masters Level

*Employment:* Provincial Government (Alberta)

*Experience:* 12 years

Resources You Have to Share Policy Development and Economic Planning

*Issues:* The practical application of energy policies to urban areas

**Gilliard, Quentin**

Senior Scientist  
HDR Sciences  
804 Anacapa Street, Santa Barbara,  
California 93101  
(805)965-5214

*Area of Involvement:* Assessing boomtown impact

*Education:* Ph.D. in Economic Geography

*Employment:* HDR Sciences

*Experience:* Formally professor at Rutgers University in New Jersey  
*Issues:* Problems of impact assessment.

**Glick, I.N.**

Co-Director  
Co-West Associates  
10042 - 116 Street  
Edmonton, Ab. T5K 1V6  
(403)482-6048

*Area of Involvement:* Community Development, Social Research, Community Psychology, Consulting.

*Education:* M.A. (Community Development); Ph.D. candidate (Ed. Psychology Thesis in process)

*Employment:* Co-West Associates in Social Research and Consulting

*Experience:* Cross-cultural community development (Northern Alberta) both private agency and with government; now self-employed in Co-West.

*Resources You Have To Share:* Community development expertise, certified psychologist.

*Issues:* "Well-being" issues in Resource Towns, expectations: "images", planning, implementing.

**Goldstein, Karen**

Senior Associate  
R.P.M. Planning Associates Ltd. -  
Resource Planning & Management  
10588 - 109 Street, Edmonton, AB.  
T5H 3B2  
(403)426-4459

*Area of Involvement:* Social impact assessment, community planning, social planning, organizational development, survey research

*Education:* B.A. Urban Studies/ Pol. Science

*Employment:* Senior Associate, R.P.M. Planning Associates Ltd.

**Goldstein, Michael**  
President



R P M Planning Associates Ltd. -  
Resource Planning and Management  
10588 - 109 Street  
Edmonton, AB. T5H 3B2  
(403)426-4459

*Area of Involvement:* Social impact assessment, community planning, organizational development, survey research

*Education:* Masters in Environmental Study

*Employment:* President of R P M Planning Associates Ltd.

**Gold, Raymond L.**

Director - Social Research & Applications, Professor Emeritus - University of Montana  
Social Research & Applications  
Box 7833, Missoula, MT. U.S.A. 59807  
(406)543-7681

*Area of Involvement:* Social impact assessment of resource and artifactual development; basic and problem-solving research on industrially impacted communities.

*Education:* M.A. and Ph.D. degrees in sociology from the University of Chicago (no bachelor's degree).

*Employment:* Social Research and Applications, Missoula, MT. 59807 U.S.A.

*Experience:* A sociology professor from 1953 through 1980; organizational, occupational, and community research from 1949 to present; community change research in several states over the past 8 years.

*Resources You Have To Share:* A wealth of experience in assessing social impact and in helping industry and communities to avoid and minimize such impact.

*Issues:* Accommodative vs contentious approaches to resource development; community participation in making resource development policies and decisions.

**Good, Lael W.**

Platte County Branch Director  
Southeast Wyoming Mental Health Center  
P.O. Box 1078, Wheatland, Wyoming,  
U.S.A. 82201  
(307)322-3190

*Area of Involvement:* Mental health and its role in Energy Development

*Education:* B.S. University of Arizona, 1974 M.A. counselling psych., University of Wyoming, 1976

*Employment:* South East Wyoming Mental Health Center - 5 years Director - 2 years

*Experience:* therapist, administrator, and community human service coordinator  
*Resources You Have To Share:*

experience with working, living and coping in an energy impacted community  
*Issues:* Learn of other peoples experiences and gain new knowledge about dealing with issues of impact

**Gould, Ellen**

Executive Member  
Provincial Network Committee  
Saskatoon, Sask.

*Area of Involvement:* Educational work on energy issues.

*Resources You Have to Share:* Putting together an inventory on energy issues in Saskatchewan.

*Issues:* Development issues

**Grant, Don**

Director, Public Liaison  
Saskatchewan Power Corporation  
2025 Victoria Avenue, Regina,  
Saskatchewan. S4P 0S1  
(306)525-7499

*Area of Involvement:* Electric and gas production, transmission and dist. coal mining.

*Education:* Business Administration

*Employment:* Director, Public Liaison, Sask. Power Corporation

*Experience:* 25 years utility

*Resource You Have To Share:*

Experiences in public participation

*Issues:* Public participation in energy resource planning.

**Greyeyes, Deanna**

Conference Coordinator  
Native Outreach  
c/o Husky Oil Operation, 5th Fl., 635 -  
6 Avenue S.W., Calgary, AB.  
(403)267-6563

*Experience:* Native people and alcoholism

*Issues:* Social aspects - how unplanned development affects native people - employment opportunities and/or problems for native people. Positive strategy planning for resource development which takes into account native people and their equal participation in such development.

**Haggart, Ann**

Assistant Professor  
Technical University of Nova Scotia  
Box 1000, Halifax, Nova Scotia B3J 2X4  
(902)429-8300

*Area of Involvement:* Land use planning, social impact assessment.

*Education:* M.A. Edinburgh; M.Sc. Queens, Ireland



*Employment:* Senior planner, City of Halifax

*Issues:* Methodologies relevant to municipal social impact assessment.

**Hall, Anthony**

Actor

Catalyst Theatre Society

9903 - 80 Avenue, Edmonton, AB. T6E

IT2

(403)433-1634

**Hannis, David**

10704 - 72 Avenue, Edmonton, AB.

T6E 1A1

(403)439-4032

*Area of Involvement:* Preventive social services in Alberta

*Education:* B.A. (Hons) Social Sciences (University of Exeter, UK); Diploma in Social Administration (University of York, UK); Certificate in Applied Social Studies (University of Leeds, UK).

*Employment:* Director, Community Development Section, a UK Social Services Dept.; Social Planner, City of Edmonton; Consultant, Preventive Social Services, Alberta Social Services & Community Health

*Experience:* Working with self help groups. Assisting social service groups to evaluate programs. Encouraging land use planners to incorporate social (people) concerns into physical plans.

*Resources You Have To Share:* Some understanding of the causes of social problems evident in resource towns in Alberta.

*Issues:* Better understanding by Government policy makers and industry of the potential negative social impacts of unplanned growth.

**Harmon, Kenneth**

Research Assoc.

Denver Research Inst., University of Denver

2135 Estley, Denver, Colorado, U.S.A.

80208

(303)753-3592

**Heather, Jane**

Catalyst Theatre Society

9903 - 80 Avenue, Edmonton, AB. T6E

IT2

(403)433-1634

**Hegadoren, Brent**

E.I.A. Review Specialist

Alberta Environment, Environmental Assessment Division

11 floor, 9820 - 106 Street,

Edmonton, AB. T5K 2J6

(403)427-6224

*Area of Involvement:* responsible for scoping and reviewing the community impact assessment component of EIA's completed for Alberta Environment.

*Education:* B.E.S., M.A., University of Waterloo

*Employment:* Alberta Government Departments, Research Associate - University of Waterloo

*Experience:* scoping and reviewing EIA's; Tourism Planning, Evaluation of pension management for Canadian mine closure.

*Resources You Have To Share:* Social impacts of mine closure

*Issues:* Cumulative Impact Assessment - (responsibility for and how to), planning for industrial decline in communities, monitoring impacts and evaluating mitigative measures (responsibility, how, when?)

**Henley, David**

Community and Public Relations

Coordinator

Saskoil

1500 Chateau Tower, 1920 Broad Street,

Regina, Sask. S4P 3C4

(306)565-7008

*Area of Involvement:* Contact with local officials, etc.; establishing a community relation program.

*Education:* B.A. University of Regina - Administration Certificate - U.Q.T.R.

*Issues:* Community impact and community involvement.

**Henning, R. Victor**

Commissioner, Northeast Alberta Region  
Alberta Regional Commission

#609, 8215 - 112 Street, Edmonton,

AB. T6G 5A9

(403)427-6888

**Hikel, Ron**

Senior Researcher

ABT Associates (Division of Thorne  
Stevenson and Kellogg)

1320 Royal Trust Tower, Edmonton  
Centre, Edmonton, AB. T5J 2Z2

(403)429-3421

*Area of Involvement:* Specializes in complex social research on policy issues.

*Resources You Have to Share:* ABT is a social research wing of the firm Thorne, Stevenson and Kellogg

*Issues:* To identify social issues/opportunities relative to energy development. In particular, social service programming impact on native communities.

**Hilbert, Stephen**

Quesnel Regional Director

College of New Caledonia  
3330 - 22nd Avenue, Prince George,  
B.C. V2N 1P8  
(604)992-3906

*Area of Involvement:* Community development and native people  
*Education:* B.Sc. (Geology)  
*Experience:* 7 years teaching in adult education; 3 years as mine geologist; spent last 10 years on self-sufficient homestead.  
*Resources You Have to Share:* Background in mining and petroleum geology knowledge of native concerns.

**Hodnik, John**  
Research Economist  
Mountain West Research Inc.  
510 - North 29 Street, Billings, Montana  
59101  
(408)259-8982

*Area of Involvement:* Community services analysis regarding energy development.  
*Education:* Political Science and Economics  
*Issues:* Sociological aspects and community social impact assessment services related to energy development

**Holmes, Tim**  
Student  
University of Idaho  
306 North Asbury, Moscow, Idaho,  
U.S.a. 82240  
(208)882-6806

*Area of Involvement:* Environmental sociology and social impact assessment  
*Education:* B.Sc. Sociology  
*Experience:* Environmental Protection Agency, Clean Lake project - research assistant.

**Hopkins, Gordon**  
Research Associate  
Psychology Dept., U. of Alberta  
Dept. of Psychology - Bio.-Sci. Bldg.,  
U. of Alberta, Edmonton, AB. T6G 2E9  
(403)432-5844

*Area of Involvement:* Influence on indoor environment on human performance and well-being.  
*Education:* B.A. - Perception and Human Factors  
*Experience:* Do work in a controlled environment - temp. lighting, humidity - how they affect people.

**Howard, Jennifer**  
Economist  
Government of B.C., Ministry of Industry and Small Business Dev.

1405 Douglas Street, 5th floor,  
Victoria, B.C. V8V 1X4  
(604)387-3707

*Area of Involvement:* Community development for coal projects Tumbler Ridge in NE B.C. and Elkford in SE B.C.  
*Education:* M.A. Economics  
*Employment:* Economist, involved in among other things, the economics of community development options.  
*Experience:* Study of community development options for a proposed coal mine in SE B.C. Study and implementation of a new resource town in NE B.C.  
*Resource You Have To Share:* Documentation of the B.C. experience in the areas outlined above.  
*Issues:* Costs (social and financial) of development. Commuting vs. new town alternatives. Implementation experiences.

**Hoyt, G.C.**  
Chairman  
Dept. of Business Administration & Commerce  
Simon Fraser University  
Burnaby, B.C. V5A 1S6  
(604)291-4182

*Area of Involvement:* Human problems in Northern communities, northern development, northern industry manpower planning in B.C.  
*Education:* B.A. Stanford, M.A. Chicago, Ph.D. California-Berkely  
*Employment:* Professor, Chairman, Business Administration - Simon Fraser University  
*Experience:* Research and consulting on turnover, recruitment etc. in northern industry.  
*Issues:* Houses, nontaxable benefits and manpower management.

**Huisman, Margaret**  
Research Assistant  
Alberta Housing & Public Works  
10 floor, 10050 - 112 Street,  
Edmonton, AB.  
(403)427-8150

*Area of Involvement:* Housing, Prov. Housing Program  
*Education:* B.A. (Geography), University of Alberta  
*Resources You Have To Share:* Working experiences with determining housing impacts in boom communities.

**Hunt, Gerry**  
Counsellor Coordinator  
Social Services & Community Health  
Box 825, Slave Lake, Ab. T0G 2A0  
(403)891-3930



*Area of Involvement:* Pre-employment training job skills and life skills  
*Experience:* involved with native self help program for past 7 years.

**Hutton, John G.**  
Instructor  
Grant MacEwan Community College  
Edmonton, Alberta  
(403)462-5662

*Education:* M.S.W.: Social Policy  
*Employment:* Community social work, all aspects of social work, college instructor.  
*Experience:* Social planning, community development, astute political expertise.  
*Resources You Have to Share:* Group leadership, community development  
*Issues:* Nuclear energy.

**Jackson, Roger**  
Northern Development Officer  
Northern Development Branch, Alberta  
Tourism and Small Business  
Postal Bag 900-14, Peace River, AB.  
T0H 2X0  
(403)624-4538

*Area of Involvement:* Public policy and social service/economic development.  
*Education:* - 1. Political Science (Int. Studies). 2. Urban Studies. 3. History, economics.  
*Employment:* 1. Regional (Northern) development. 2. Public policy research. 3. Urban planning and research.  
*Experience:* 1. See employment. 2. Travel Africa, Israel, Europe. 3. Farm work (Israel Kibbutz).  
*Issues:* Political interface - jurisdictional disputes on energy development, energy "boom" and communities impact, conventional energy uses and alternatives for the future.

**Jacobson, Helga (Dr.)**  
Research Associate  
Women's Research Centre  
#301, 2515 Burrard Street, Vancouver, B.C. V6J 3J6  
(604)734-0485

*Area of Involvement:* Women in economic development  
*Education:* Ph.D. Social Anthropologist  
*Employment:* University of B.C. - Associate Professor, Dept. of Anthropology and Sociology  
*Experience:* Teaching and research in Canada and Philippines - focus on problems of urban development, social change and situation of women, changes in family and kinship relations. Work for the last 6 years - Women's Research Centre.  
*Issues:* Discuss issues concerning

research, the inclusion of women in development, social impact studies. The problems of focussing traditional research methodologies of issues of concern to women, alternative strategies for research, policy directives and recommendations in relation to development projects in the energy field

**Jobin, Fred E.**  
Head of Intergovernment Liason & Research  
Federal Government, Dept. of Indian Affairs.  
9942 - 108 Street, Edmonton, AB. T5K 2J5  
(403)420-2906

*Area of Involvement:* advises band on technical and financial advise - native bands impacted by major impact resources, liason & environment.  
*Education:* B.Ed. University of Calgary  
*Employment:* Nortran Consultants Ltd.  
*Experience:* Native Council of Canada.  
*Resources You Have To Share:* information concerns of bands.  
*Issues:* concerns with energy impact on native people.

**Johannesson, Carey L.**  
Senior Socio-Economic Planner  
Gulf Canada Resources Inc.  
401 - 9th Avenue, S.W., Calgary, AB. T2P 2H7  
(403)233-5357

*Area of Involvement:* Energy Projects - Public involvement, interactive planning, Government/community liaison, social economic Impact Assessment  
*Education:* B.S.W. (Community Organization), University of Calgary, 1974. M.S.C. (Rural Sociology), University of Alberta, 1981. Thesis topic: Energy Development Related Relocation Effects.  
*Employment:* Alberta Dept. of the Environment: 1974-81. (Public Participation, Community Impact, Environmental Impact Assessment); Gulf Canada Resources 1981 to present.  
*Experience:* Involved in the social side (Government and community) of a variety of energy projects in Alberta, B.C. and Saskatchewan including: Red Deer Dam, Dodds-Roundhill Dev., Cold Lake-Esso, Alsands, Keephills  
*Resources You Have To Share:* My experiences around the above and other specific developments, information on forced relocation of rural people, government and industry perspectives on the social side of every devevelopment.  
*Issues:* - experience in other areas, - different approaches to public involvement, SIA by Government and industry - ideas from community and



interest groups on their experiences and beliefs of successful approaches.

**Jones, Bernie, Ph. D.**  
Director: Community Resource Center,  
University of Denver  
University of Colorado  
Associate Professor: Grad School of  
Social Work, University of Denver  
1100 - 14 Street, Denver, Colorado,  
U.S.A. 80702  
(303)629-2816 or 753-2886

*Area of Involvement:* Research and consultation in energy-impacted communities.

*Education:* Ph.D., Sociology, University of Colorado 1973

*Employment:* 12 years as consulting sociologist, now doing same kind of work with community resource centre, 12 years teaching Sociology, social work, and environmental design.

*Experience:* Extensive involvement in communities (urban and rural) as researcher, consultant, and neighborhood activist.

*Resources You Have To Share:* Dual perspective from involvement in urban and rural communities.

*Issues:* Political economy of energy development.

**Jones, Christina**  
Northern Alberta Development Council  
(403)324-3571

*Area of Involvement:* Northern Development Council

**Joo, Andrew**  
Planning Director  
United Way of Calgary  
Community Services Building  
120 - 13 Avenue S.E., Calgary, AB.  
(403)263-0720

**Kanee, Marilyn**  
Volunteer  
Edmonton Social Planning Council  
Room 5-120, Education North, University of Alberta, Edmonton, AB.  
(403)432-5667

*Education:* B.A., B.S.W.  
*Employment:* After school care director, coordinator - Early Intervention Staff Development.  
*Experience:* Volunteer with Edmonton Social Planning Council -volunteer board training.  
*Resources You Have to Share:* information on day care, after school care, handicapped children.

**Kerr, Deborah**  
Planner  
Municipal Affairs  
7 floor, 9925 - 107 Street, Edmonton, AB.  
(403)427-2593

*Area of Involvement:* Town planner working with municipalities in Northern Alberta

*Education:* Degree in Urban and Regional Planning

*Employment:* Department of Municipal Affairs, Municipal Planning section

*Experience:* town planning work in communities experiencing some impacts from oil and gas exploration

*Resources You Have To Share:* some experience (as above) and research in this area.

*Issues:* determining employment impacts of resource development, gaining insight into experience in other Alberta communities.

**Kier, Doug**  
Catalyst Theatre  
10645 - 103 Avenue, Edmonton, AB.

**Kersey, Eugene**  
Assistant Res. Assoc.  
Denver Research Inst., University of Denver  
2135 Estley, Denver, Colorado, U.S.A.  
80208  
(303)753-2119

**Kilgannon, Gerry**  
Executive Director  
10835 - 124 Street, Edmonton, AB.

*Area of Involvement:* Family and other interpersonal relationship training; family systems; family/society relationships.

*Education:* M.Ed.

*Employment:* Teacher, Counsellor, Administrator

*Experience:* Teacher, Counsellor, Parent  
*Issues:* Impact of resource development, all forms and uses of energy and how they impinge upon value systems - life styles and power structures.

**Kinley, Janet A.R.**  
Research Consultant  
InterGroup Consulting Economists Ltd.  
Rm. 604, 283 Portage Avenue,  
Winnipeg, Manitoba. R3B 2B5  
(204)942-0654

*Area of Involvement:* social and economic impact assessment of large projects.

*Education:* M.A.(Environmental Geography)  
University of Toronto.

*Employment:* Research Consultant,

InterGroup Consulting Economists Ltd.,  
Winnipeg, Manitoba

*Experience:* Two years of experience in the field of social and economic impact assessment in Manitoba, NWT, Saskatchewan, Alberta.

*Resources You Have To Share:* Education and experience in the area of impact assessment; willing to participate in discussions/exchange ideas.

*Issues:* consolidating methodology - science - building, attention to monitoring programs, hindsight evaluation and validation of projection techniques.

**Hughes, John R.**

President

Passive Solar Designs Ltd.

204, 10830 - 107 Avenue, Edmonton,  
AB. T5H 0X3  
(403)426-3857

*Area of Involvement:* consulting on and design of energy efficient housing suitable for the prairie climate.

*Education:* studied carpentry in high school, worked in construction for a while after school, have spent last 4 1/2 years studying solar energy and conservation on own time.

*Employment:* working full time since March 1/80 as design consultant and designer in own company.

*Experience:* have designed a variety of houses, all of the energy efficient type, in a wide range of architectural styles.

*Resources You Have to Share:*

Knowledge gained in past 4 1/2 years

*Issues:* rationale behind energy conservation as a means of reducing our dependence on non-renewable resources, both imported and domestic.

**Johnson, Huey**

Secretary

The Resources Agency of California

1415 - 9th St., Sacramento, Calif. 95814  
(916)445-5656

**Kinney, Ronald**

Director

University of Alberta Extension, Urban & Rural Planning Studies

Room 232A, Corbett Hall, University  
Campus, Edmonton, Ab T6G 2G4

(403)432-2912

*Area of Involvement:* Urban and Rural Land Use Planning, Terrestrial studies

*Education:* B.A. (Manitoba) M.A. (Alberta) Geography and Community Development

*Employment:* University of Alberta, since 1977

*Experience:* Land use and community studies in five Canadian provinces over past 20 years.

*Resources You Have To Share:* Overview

of Prairie Development Activity - 60's and 70's

*Issues:* impact on land use and social concerns. Technological solutions to environmental issues Rural population movements.

**Klassen, Gary**

Planner

Southeast Alberta Regional Planning  
Commission

623 - 4 Street, S.E., Medicine Hat, AB.  
T1A 0L1  
527-3326

*Education:* Geography

*Employment:* Regional Planner

*Experience:* Regional Planning

*Issues:* Planning and Policy Issues: Coal mining - oil and gas extraction, and regional planning.

**Klotz, Jim**

Economics Branch, Economist

National Energy Board

473 Albert Street, Ottawa. K1A 0E5  
(613)996-7535

**Kobernick, Elaine**

Vice President

Genesee Agriculture Protection Society

Box 334, Drayton Valley, AB. T0E 0M0  
(403)542-5918

*Area of Involvement:* Social impact of energy development

*Employment:* On the Genesee project since 1977.

**Korda, Zita**

Manager, Economic Research

City of Edmonton, Business Development  
Department

2410, 10235 - 101 Avenue, Edmonton,  
AB. T5J 3G1  
(403)428-5464

**Kostiuk, Harry**

President

Alberta Federation of Labour

11606 - 149 Street, Edmonton, AB.  
T5M 3R3

(403)451-0810

*Area of Involvement:* Labour- mega projects.

**Kozar, Dr. Frank**

Member

Grant MacEwan Community College

Representing the Public Advisory  
Committee on the Environment

2100 College Plaza, Tower 3, 8215 -  
112 Street, Edmonton, Ab. T6G 2M4



(403)462-5501

*Area of Involvement:* Agriculture - Plant Diseases  
*Education:* B.Ed., B.A. Sociology, M.Sc. & Ph.D. in Genetics  
*Employment:* coordinator of Academic Services, Grant MacEwan Community College  
*Experience:* 30 years as a Biology teacher and 20 years as an administrator. Photography is a hobby.

**Krannich, Richard S.**  
Assistant Professor  
Dept. of Sociology, Utah State University  
Logan, Utah, U.S.A. 84322  
(801)750-1241

*Area of Involvement:* General interest environmental sociology and social impact assessment  
*Education:* Ph.D. Pennsylvania State University  
*Experience:* teach courses in natural resources and social impact assessment.  
*Resources You Have To Share:* research activities - analyzing community change in rapid growth energy communities.  
*Issues:* Issue of disorganization in boom towns.

**Kruhlak, Ron**  
Legal Researcher Faculty of Law, The University of Alberta  
Room W234, Law Centre, U. of A., Edmonton, AB. T6G 2H5  
(403)432-5121

*Area of Involvement:* Solar access law, energy economics  
*Education:* B. Comm., now completing law degree  
*Employment:* Government of Canada, financial analysis  
*Experience:* Writing research paper on solar law for Alberta  
*Resources You Have To Share:* Currently preparing a research paper on solar law for the Province of Alberta.  
*Issues:* the current status of solar energy, any legal problems relating to solar use. Also general usage of renewable resources and conservation.

**Kure, Elmer**  
Director Environmental Relations  
Alberta Fish & Game  
6024 - 103 Street, Edmonton, AB. T6H 2H6  
728-3418

*Area of Involvement:* Farm background presently in P.R. work for Fish & Game impacts on land and water.  
*Education:* Personal experience, study

and presentations to E.R.C.B. & E.C.A.  
*Employment:* Self employed 30 years, farming, Environmental Relations work - 8 years.  
*Experience:* 40 years.  
*Issues:* Alternative systems & alternative to the present methods of production and transmission of electric energy.

**Laing, Marie**  
Administrator  
Sexual Assault Centre  
#416 - 10010 - 105 Street, Edmonton, AB. T5J 1C4  
(403)423-4102

*Area of Involvement:* Sexual assault and abuse - counselling and developmental psychology).  
*Employment:* Administrator - Sexual Assault Centre  
*Experience:* Counselling and teaching in area University of Alberta - teaching in area of child development.  
*Issues:* Sexual assault as a form of violence as a result of unmet human needs.

**Lamont, Drew**  
Community Impact Coordinator  
Alberta Environment  
9926 - 111 Avenue, Grande Prairie, AB  
(403)539-2352

*Area of Involvement:* Community participation in the process of: evaluating resource development proposals; identifying impacts; proposing and implementing mitigation  
*Education:* Community Development - University of Alberta  
*Employment:* Community Impact Coordinator with Alberta Environment since 1976.  
*Experience:* Previous experience as Community Development Worker, in corrections and with Company of Young Canadians.  
*Resources You Have To Share:* Very strong philosophical and methodological biases supporting the need for extensive public involvement in energy development.  
*Issues:* Social Impact Assessment - the importance of community process vs. concentration on a research document.

**Lees, A.J.**  
Project Hearings Analyst  
B.C. Hydro & Power Authority  
970 Burrard Street, Vancouver, B.C. V6Z 1Y3  
(604)663-2682

**Lees, Peggy A.**



Catalyst Theatre  
9903 - 80 Avenue, Edmonton, AB.  
(403)433-1634

**Lexier, Jill**  
Resource Consultant  
Columbia - Pacific Resources Group Ltd.  
#1700, 1050 West Pender St.,  
Vancouver, B.C. V6E 3S8  
(604)689-0025

*Area of Involvement:* Member of private consulting firm dealing with socio-economics and marketing aspects of energy projects.

*Education:* B.Sc. Geological Engineering, Masters - Natural Resource Management.

*Employment:* (1980) Worked with B.C. Royal Commission of Enquiry into Uranium Mining, Alaska Highway Pipeline Panel (1979).

*Issues:* Interested in public input in regulatory process re: resource development. Mitigation of socio-economic impact.

**Lind, Terry**  
Research Officer  
Alberta Alcohol & Drug Abuse Commission  
7th Floor, 10909 Jasper Avenue,  
Edmonton, AB. T5J 3M9  
(403)427-4275

*Area of Involvement:* Evaluation of alcohol and drug abuse treatment and prevention programs.

*Education:* B.Sc. University of Alberta

*Employment:* Research Officer - A.A.D.A.C.; Research Assistant, Dept. of Psychology, University of Alberta

*Experience:* Applied research methodology.

**Lockhart, Julie**  
Summer Professional  
Petro-Canada  
407 - 4 Avenue, S.W., Box 2844,  
Calgary, Ab. T2P 3E3  
(403)232-8402

*Area of Involvement:* Social and environmental impact of acid precipitation resulting from energy industry emissions, alternative life styles, public involvement and education

*Education:* Honors B.Sc. Zoology(Ecology specialization) V.W.O. M.Sc. Biology - Geography (1982 expected completion)

*Employment:* currently summer professional development program, environmental and social affairs - Petro Canada.

*Experience:* aquatic and fisheries biologist - impact assessment, junior conservationist program leader, watershed management.

*Resources You Have To Share:* Cross disciplinary methodological approach in impact assessment.

*Issues:* decentralization development of "community" to enhance energy conservation. Northern Energy Developments versus wilderness preservation.

**Lowe, Kerry**  
Community Impact Coordinator  
Alberta Environment  
200 - 5th Avenue S., Lethbridge, AB  
T1J 4C7  
(403)320-9872

*Area of Involvement:* Public participation in resource development

*Education:* B.A. Sociology, McGill University, Montreal

*Employment:* Alberta Environment, Community Impact (Environmental Assessment Division)

*Experience:* Community work, resource development for the handicapped in rural Alberta

*Resources You Have To Share:* Community experience in Alberta

*Issues:* Government/Industry/Community interface in planning and impact management.

**Lundrigan, Rick**  
Coordinator  
Edmonton Coalition Nuclear Responsibility (ENCR)  
9137 - 81 Avenue, Edmonton, AB.  
(403)466-7570

*Area of Involvement:* Energy- Alternatives to non renewable polluting fuels

*Education:* Studies in nutrition energy alternatives dangers of nuclear technology and its economic medical and moral implications

*Resources You Have To Share:* Movies, handout information, tapes.

*Issues:* Nuclear technology and its implications for the survival of mankind.

**MacDonald, Susan**  
Project Office, Northern Economic Planning Branch  
Dept. of Indian & Northern Affairs  
Ottawa, Ontario. K1A 0H4  
(819)997-0440

*Area of Involvement:* Northern Resource Development Projects, socio-economic concerns

*Education:* B.A., B.Ed., Queens

*Issues:* Native participants in unions in major energy developments in the north.

**Manning, R.T.**

Area Manager  
Aquitine Co. of Canada Ltd.  
Box 30, Rainbow Lake, AB. T0H 2Y0  
(403)956-3944

**Mardon, Harry L.**  
Secretary  
Manitoba Energy Council  
2nd Fl., 500 Portage Avenue, Winnipeg,  
Manitoba  
(204)944-2815

*Area of Involvement:* Observer  
*Employment:* Winnipeg Tribune  
1958-1980; 8 years with British United  
Press.  
*Experience:* Reporting on energy  
matters.

**Marino, Mary Louise**  
Associate  
RMC Resources Management Consultants  
10443 - 85 Avenue, Edmonton, Ab.  
T6E 2K2  
(403)432-0284

*Area of Involvement:* Research and  
planning for regions/communities  
anticipating growth or change in face  
of resource development (focus on  
human services)  
*Education:* B.A. & M.A. (English  
Literature)  
*Employment:* Past: University of Alberta;  
Ekistic Design Consultants; Graham  
Brawn & Associates, Present: RMC  
Resources Management Consultants.  
*Experience:* Variety of community,  
regional, educational, health, child  
welfare, and social services research &  
planning projects, primarily in Northern  
Alberta  
*Resources You Have To Share:*  
Knowledge of Northern Alberta;  
experience with planning human services  
in the context of resources  
development.  
*Issues:* "Needs Assessment" - how,  
when, why, whose

**Marks, James V.**  
Public Participation Coordinator  
Alberta Environment  
1400 Rocky Mountain Plaza, 115 - 2  
Street, S.E., Calgary, Ab. T2G 4T8  
(403)261-8282

*Area of Involvement:* Public Participation  
Coordinator - South Saskatchewan River  
Basin Planning Program  
*Education:* B.S., Mathematics; M.A.,  
Theology; M.A., Ph.D., Social Science  
*Employment:* Presently under contract  
to Alberta Environment  
*Experience:* counselling; community  
development, education at all levels,  
public education; political organizing,

program development and enactment;  
community legal services; policy analysis  
and planning; housing, legal services,  
transportation  
**Marean, Prof. John**  
Assoc. Prof. Education  
University of Calgary, 2500 University  
Avenue, N.W., Calgary, AB. T2N 1N4  
(403)284-5646  
*Area of Involvement:* Science &  
Environmental Education.  
*Education:* B.S.E.E. Teacher Qualification  
*Employment:* Assoc. Prof., Science &  
Environmental Teacher Ed.  
*Experience:* 20 years secondary school  
teaching, 11 years University.  
*Resources You Have To Share:*  
Engineering education and experience,  
instructional experiences in energy  
information, advisory activity, SEEDS  
Foundation.  
*Issues:* personal commitment to wise  
energy decisions.

**Marlin, Betty**  
Conference Staff, Social Action and  
Service Ministry  
Alberta Conference United Church of  
Canada  
9911 - 48 Avenue, Edmonton, AB. T6E  
5V6  
(403)435-3995

*Area of Involvement:* Conserve lifestyle,  
alternate sources of energy.  
*Employment:* A facilitator resource for  
social action in Alberta conference.

**Marowitch, Joan**  
District Planner  
Dept. of Indian Affairs  
10 - 13 Street East, Federal Bldg.,  
Prince Albert, Sask.  
(306)764-5224

*Area of Involvement:* Assisting Indian  
bands participate in the environmental  
review process.  
*Education:* B.E.S., MCP University of  
Manitoba

**Mather, James**  
Manager - Northern Power Prg. Artic  
Pilot Project  
Box 6530, Station D, Calgary, AB. T2P  
1H4  
(403)232-6389

**McClurg, John M.**  
Manager, Public Affairs  
Shell Canada Resources  
400 - 4 Avenue, S.W., Calgary, Ab.  
T2P 2H5  
(403)232-3444

*Area of Involvement:* Public Affairs,  
gov't relations and community relations



*Education:* M.B.A.

*Resources You Have To Share:* 16 years industry experience in various facets of the petroleum/energy industry with Shell Canada and Alsands

*Issues:* case histories of project specific community relations programs

**McCracken, Coleen**

Summer Professional

Petro-Canada

Box 2800, Calgary, AB. T2P 3E3

(403)232-8402

*Education:* B.A. Geography, University of Toronto; Masters Candidate - Environmental Design, University of Calgary.

*Employment:* Renewable resource research, Northern Social Research Division, Dept. of Indian and Northern Dev.; Oahonogo Indian Band - Planner; research public participation - Petro Canada.

*Experience:* Perceptual studies of renewable resource projects - N.W.T. Community development and land use planning-research.

*Resources You Have to Share:* Socio-economic analysis, perception and attitude analysis - interdisciplinary background.

*Issues:* Public participation and impact assessment.

**McDonald, J. Merril**

Associate Professor

Faculty of Extension, The University of Alberta

Room 238, Corbett Hall, U. of A.,

Edmonton, AB. T6G 2G4

(403)432-3035

**McEachern, John**

Socio-economic Coordinator

Gulf Canada Resources

c/o 10 floor, Frontier Dev., P.O. Box

130, Calgary, Ab. T2P 2H7

(403)233-5264

*Area of Involvement:* Socio-economic impact/Beaufort Sea; W. Artic

*Education:* University, Geography

*Employment:* Private biological environmental consultant

*Experience:* Community involvement; impact studies

*Resources You Have To Share:* community liaison

**McGarry, Kathy**

Transportation Systems Design Dept., City of Edmonton

10th Fl., Century Place, 9803 - 102A

Ave., Edmonton, AB. T5J 3A3

(403)428-2979

*Area of Involvement:* Transportation planning - special groups, public enquiries, etc.

*Education:* B.A. (French, Psych), Secondary Educational Teaching Certificate.

*Employment:* Dept. of Education, N.S.W. Australia - Sydney A.I.T. - Bangkok, Thailand

*Experience:* Community Area Redevelopment Plan - Garneau. DATS Operational Review, Transit Training for Mentally Handicapped.

*Resources You Have to Share:* Pollution and environmental concerns in S.E. Asia and political decision making relative to environmental impact assessment criteria.

*Issues:* Development vs. non-development decision.

**McGregor, Colin**

Planner

Peace River Regional Planning

Commission

9835 - 101 Avenue, 200 Windsor

Court, Grande Prairie, Ab. T8V 0X6

(403)539-6505

*Area of Involvement:* researching the oil and gas study for the Peace River Regional Plan

*Education:* Degree in Urban and Regional Planning, University of Waterloo

*Employment:* Peace River Planning Commission

*Issues:* implications of the oil and gas industry upon regional planning.

**McKeon, Robert**

Co-ordinator

Social Justice Commission, Roman

Catholic Archdiocese of Edmonton

10528 - 98 Street, Edmonton, AB. T5H

2N4

(403)420-1306

*Area of Involvement:* Church Social Action/Theological Education, inner city Edmonton (Boyle-McCauley Health Centre), Edmonton Social Planning Council (Vice Pres.), Edmonton Council of Churches (Pres.)

*Education:* B.S. (Physics), M.Ed. (Sec. Educ.), B. Th.

*Employment:* Secondary Teaching (Montana, and B.C.), Church Social Action

*Experience:* Inner city Edmonton

*Resources You Have To Share:* Theological reflections around energy issues, church social action in Canada around energy; inner city impact of Alberta energy developments.

*Issues:* - Human values at stake in energy debate (short term & long term), - relationship between mega-projects and life in inner city Edmonton -especially, mental health, - theological response to major energy issues in



Canada today.

**McLaughlin, John F.**  
Director of Research  
Ken McDonald Associates Ltd.  
11128- 107 Avenue, Edmonton, Ab.  
T5H 0X8  
(403)420-0077

*Area of Involvement:* planning communities for conservation of energy and renewable energy technologies.  
*Education:* Masters Thesis - Topic of above, Faculty of EVDS, University of Calgary, several energy courses and participation in many conferences.  
*Employment:* research for The Solar Energy Society Athabasca University curriculum design, consulting services to business and development community.  
*Experience:* freelance writing, presentations to other conferences  
*Resources You Have To Share:* Large slide collection on conservation and renewables, bibliographies, resource directories, library materials, etc.  
*Issues:* Is the most effective method in the long-term, to reduce impact of resource development not to cut our demand for those resources through conservation and alternatives?

**McLean, Jack**  
Director  
Family and Community Support Services  
10005 - 102 Street, Fort Saskatchewan, AB.  
(403)998-5151

*Education:* Masters in Community Development  
*Employment:* Family and Community Support Services Director  
*Experience:* Community organization

**McNeil, Lynn**  
Social Planning Consultant  
Strong, Hall & Assoc.  
2 floor, 517 - Center Street, S., Calgary, Ab.  
(403)233-2350

*Area of Involvement:* Public involvement and social impact assessment related to major energy developments.  
*Education:* B.A. Recreation Admin.  
*Employment:* Dept. of Environment - social impact assessment review specialist  
*Resources You Have To Share:* Knowledge, information on SIA and EIA process in Alberta. Knowledge, information of Alberta Energy developments, possible/probable social impacts associated with these developments.  
*Issues:* Impact management - role of

gov't., community and industry - (cumulative effects) whose role/responsibility is it to assess the impacts occurring from a series of developments in an area. How can communities cope with development and rapid growth. What should be the role government, industry play in these communities.

**McSkimming, Robert J.**  
Senior Socio-economic Advisor  
Gulf Canada Resources Inc.  
401 - 9 Avenue, S.W., Calgary, AB.  
T2P 2H7  
(403)233-3082

*Area of Involvement:* public participation; native participation in Resource Development; impact assessments; land claims issues.  
*Education:* M.A. (Geography - U.B.C.), Impact Assessment on Native Communities; Land Claims; Resource Development  
*Employment:* corporate group dealing with socio-economic issues, academic teaching and research in socio-economic issues, consulting.  
*Experience:* Baseline and Impact Assessment of Pipelines in Arctic Communities, Impact Assessment in Resource Development in B.C.  
*Issues:* the input of public, including native groups, into resource development projects; develop of S.I.A.'s.

**Mercier, Rene**  
Director  
Family and Community Support Services  
M.D. of Smoky River #130  
Box 487, Falher, AB. T0H 1M0  
(403)837-2014

*Area of Involvement:* FCSS Director - Social Programming  
*Education:* B.A. - Prof. Degree  
*Employment:* F.C.S.S. Director  
*Experience:* Teacher, 6 years; agriculture (farming), 3 years; F.C.S.S. Director, 8 months.  
*Issues:* Social Services - sparse population and rural areas, alcoholism, technology - its effect on society, stress, youth's decisions - choosing a career.

**Merkley, Susan**  
Associate Professor and Extension Specialist  
Consumer Sciences & Retailing  
BI Stone Hall, Purdue University, West Lafayette, Indiana 47907  
(317)494-8809

*Area of Involvement:* Extension education, housing and energy.

*Education:* Ph.D. Michigan State University; M.A. and B.Sc. Iowa State University.

*Issues:* The impact of the energy situation on various age groups.

**Miller, Emily**

Energy Consultant in Economics  
New Mexico Energy & Minerals Dept.  
P. O. Box 2770, Santa Fe. 87501  
(505)827-2471

*Area of Involvement:* socio-economic impact assessment of energy resource development and the effect of other large scale construction projects upon communities. Staff to the New Mexico Community Assistance Council (State impact assistance program).

*Education:* M.A. economics - University of Denver. B.A. sociology emphasis - University of Denver

*Experience:* Previous employment with the state, a research analyst & associate with University of Denver research institute, 1975-79.

*Resources You Have To Share:* working knowledge of activities and information available on resource development and community impacts in New Mexico and Colorado.

*Issues:* Partnerships in resource development. (working relationships between the communities, state, fed. gov't & industry) Impact mitigation in general.

**Milligan, Geoff**

Director, Council Administration  
Northern Alberta Development Council  
Bag 900-14, Peace River, AB. T0H 2X0  
(403)624-6274

*Area of Involvement:* Native people, public participation, third world development.

*Education:* M. A. (Community Dev.), B. Sc., (Agriculture)

*Employment:* 12 years Government of Alberta Northern and Native Development Community Dev. Branch, HRDA, Slave Lake, Special area program - Native Secretariat, Northern Dev. Branch.

*Experience:* 3 years overseas with Cuso India/Nigeria Historical view of development program in Alberta since 1966 - Cuso/Care experience overseas - contact with native leaders in Alberta.

*Resources You Have To Share:* The Alberta experience first hand from 1966-81.

*Issues:* How to realistically involve the native person to energy related development, how to deal with rising expectations in a potential energy resource town.

**Miller, John C.**

Environmental Education Specialist  
Minnesota Dept. of Education  
644 Capitol Square Building, St. Paul,  
Minn. 55101  
(602)296-4069

**Moen, Elizabeth**

Assistant Professor  
University of Colorado, Dept. of  
Sociology  
Boulder, Colorado, U.S.A. 80309  
(303)492-6427

*Education:* Ph.D.

**Moir, Dianne**

Special Needs Groups Co-ordinator  
Advanced Education & Manpower  
5th floor, 11160 Jasper Avenue,  
Edmonton, AB. T5K 0L1  
(403)427-4740

*Area of Involvement:* organizational development consultant to special needs groups in Alberta.

*Education:* Organization development, social work, nursing.

*Employment:* 3 years as consultant with Government of Alberta, private employment agency for 3 years, community psychiatric consultant, nursing  
*Experience:* Workshop facilitator for native, women, disabled and disadvantaged groups mainly in Northern Alberta for past 3 years.

*Resources You Have to Share:*

Organizational development, knowledge and experience with northern communities

*Issues:* Social/economic strategies to work with itinerant workers in new communities impact on traditional occupations - trapping, farming. Murphy, Mary Ann

Research Consultant

Levy-Coughlin Partnership

2112 Kensington Rd. N.W., Calgary, AB.  
T2N 3R7

*Area of Involvement:* Socio-economic impact assessment, needs assessment, community development, program evaluation.

*Education:* B.A., B.S.W., M.S.W.

*Experience:* Preliminary SIA Project 80; development of a community based impact assessment handbook for northern communities

*Resources You Have to Share:*

Community leader

*Issues:* Optimal use of interdisciplinary professionals in E.I.A. process - public participation methodologies

**Murphy, Michael**

Director



Preventive Social Services  
Box 90, Athabasca, AB. TOG OBO  
(403)TOG OBO

*Employment:* Social work with Alberta Gov't past 17 years.

*Issues:* Working together of industry with social scientists and community organizers.

**Neelin, Gregg**

Community Development Coordinator  
College of New Caledonia  
3330 - 22 Avenue, Prince George, B.C.  
V2N 1P8  
(604)569-3368

*Area of Involvement:* community development, community organization, social planning, social impact, organization development.

*Education:* B.A. Sociology, B.S.W. Social Policy, Social Planning, M.A. Community Development.

*Employment:* Edmonton Social Planning Council, College of New Caledonia, YMCA, Alberta Civil Service.

**Neuman, Keith**

Doctoral Student  
Social Ecology Program, University of California  
Irvine, California, U.S.A. 92717  
(714)833-6753

*Area of Involvement:* research on psychological and social dimensions of energy and conservation; appropriate technology; local government energy planning.

*Education:* B.A. Psychology (Haverford College) M.A. Social Ecology, Ph.D. Social Ecology, (expected 12/81) (University of California, Irvine)

*Employment:* (past) information analyst at the National Solar Heat Experience; planning intern, Huntington Beach Planning Department; UC Appropriate Technology Program.

*Resources You Have To Share:* social science research on energy; strong knowledge of appropriate technology developments in the U.S.; particularly in California; also local government conservation in California.

*Issues:* potential (and actual) roles social scientists can play

**Noble, Gaile P.**

Coordinator, Native Programs  
College of New Caledonia  
3330 - 22 Avenue, Prince George, B.C.  
V2N 1P8  
(604)562-2131, local 280

*Area of Involvement:* Environmental & Social Impacts

*Education:* MSW - Community Development, MS - Development Sociology

*Employment:* Social Work education and community development: Rural & Minority communities

*Experience:* Consultant for C.O.P.E. during the Mackenzie Valley Pipeline Inquiry

*Resources You Have To Share:*

Experience in rural areas under impact of development (N.W.T.; Alaska; Nfld; Navajo Nation; Chile)

*Issues:* Minorities, accurate and adequate public information, regulations & control of environmental & social impacts, and accurate assessment & lead times.

**Ogilvie, Rob**

President  
Rob Ogilvie Associates, Division of Mobalizers Limited  
104 Yorkville Avenue, Toronto, Ontario.  
M5R 1B9  
(416)961-3783

*Area of Involvement:* Human factors, corporate manpower planning and socio-economic research.

*Education:* B.A., M.A., Sociologist Thesis pending, University of New Brunswick

*Issues:* Manpower implications of large scale developments, supply of and demand for specific occupations.

**Opie, John**

Professor of History  
Duquesne University  
Pittsburgh, Penn. 15282  
(412)434-6470

*Area of Involvement:* Environmental and energy history and policy

*Education:* Ph.D. University of Chicago

*Employment:* 1980-81: Fellow National Humanities Centre. Consultant, Westinghouse Electric Corporation.

*Experience:* Editor - Environmental Review

*Issues:* Energy technology and quality of life - curriculum development dealing with energy.

**Owen, Dick**

Coordinator  
Alberta Environment, Community Impact  
9926 - 111 Avenue, Grande Prairie, AB.  
T8V 4C3  
(403)539-2352

*Area of Involvement:* Assisting communities in preparing environmental impact assessments.

*Education:* B.A. (History), work on M.A. (Adult Education)

*Employment:* Work in adult education



community development, youth resources, sports administration

*Resources You Have To Share:*

Experience in above fields, along with leadership training and development.

**Ozanne, Roy H.**

President  
Alberta Fish and Game  
Centennial Flying Services  
(403)451-4357

**Paget, Gary**

Planning Coordinator  
Ministry of Municipal Affairs  
747 Fort Street, Victoria, B.C.  
(604)387-5925

*Area of Involvement:* Resource community planning.

*Education:* Masters, Environmental Studies

*Employment:* Resource Community Planning & Policy: Province of B.C. 1977-1981.

*Experience:* Northeast & Southeast British Columbia and Northern Ontario.

*Resources You Have To Share:*

Experience, knowledge and theoretical insight into planning theory and practice.

*Issues:* Social planning with respect to resource communities.

**Paetz, Kevin**

Catalyst Theatre  
10645 - 103 Avenue, Edmonton, AB.

**Parkinson, Mrs. Anna**

President  
Anna Parkinson Urban Consultants Ltd.  
3401 Spruce Drive, Red Deer, AB. T4N 3N7  
(403)346-4882

*Area of Involvement:* Economic and social impact assessment, impact of growth on urban centers.

*Education:* M.A., M.E. Des., M.C.I.P.

*Employment:* Consultant and principal researcher for Anna Parkinson Urban Consultants Ltd.

*Experience:* Professional planner with a background in economics and social work.

*Resources You Have To Share:* some knowledge of what happens to a town in a rapid growth situation, some knowledge of impact assessment process.

**Paul, D. C.**

Human Resources Manager, Cold Lake Site  
Esso Resources  
500 - 6th Avenue, S.W., Calgary, AB.

T2P OS1

(403)267-5751

*Area of Involvement:* Setting up a human resources facility at Cold Lake.

*Education:* B. Comm., Industrial Relations

*Employment:* Esso Resources

*Experience:* 12 years related native employment, union negotiating

*Issues:* Wide ranging issues all to deal with listed topics.

**Paul, Rene**

Director, Promotion & Support  
Native Outreach  
1B, 11125 - 107 Avenue, Edmonton, Ab. T5H 0X9  
(403)428-1838

*Area of Involvement:* Native Employment

*Employment:* 2 years employment at the Indian Assoc. of Alta. as Youth Coordinator and Administrator. 1 1/2 years employment as Job Counsellor at Native Outreach, currently Director (6 mos.)

*Experience:* Expertise and knowledge of native employment situation in Alberta

*Resources You Have To Share:*

Brochures about Native Outreach and one of its' programs, Employment and Readiness Program; as well as a Summary of Native Outreach activities.

*Issues:* Potential employment of native people in area of industrial development

**Pearson, Jeffrey C.**

Manager, Municipal Planning Section  
Alberta Municipal Affairs  
7 floor, 9925 - 107 Street, Edmonton, AB. T5K 2H9  
(403)427-2593

*Area of Involvement:* Manager of group of town planners who are working with many communities which are impacted by energy resource development.

*Education:* B.A. and M.A. in Planning (University of Waterloo)

*Employment:* currently with Alberta Municipal Affairs, but have worked for two municipalities, a consulting firm and provincial natural resources dept. in Ontario.

*Experience:* some research involvement in the subject (thesis on regulating pits/quarries for eg)

*Resources You Have To Share:*

Perceptions and points of view.

*Issues:* How to lessen impact of one-resource/industry towns. How to more effectively limit foreign control of our resources. How to control water and other forms of pollution.

**Penning, Yvonne**

Economist

National Energy Board  
473 Albert Street, Ottawa. K1A 0E5  
(613)996-7572

**Piatt, Susan P.**  
Economic Development Coordinator  
Colorado West Area Council of  
Governments  
P. O. Box 351, Rifle, Co. 81650  
(303)625-1723

*Area of Involvement:* Developing Region-wide energy impact monitoring systems; focusing on four major components, one of which is human and social service delivery systems.  
*Education:* B.A. Economics - Ohio State University, Master of City and Regional Planning - Ohio State University.  
*Employment:* Economic Development Coordinator - Colorado West Area Council of Governments.  
*Experience:* Developed region-wide Overall Economic Development Program for the Region; currently working on design of a computerized monitoring system for human service agencies in the counties in anticipation of "block grant" funding approach and huge increases in caseloads.  
*in caseloads.*  
*Resources You Have To Share:* Work with county human service commissions, development of uniform questionnaire to provide data base for the monitoring system. Area is impacted by oil shale development, problems with timing, front-end financing, emphasis on capital.  
*Issues:* Data monitoring systems to human service agencies, models to project future needs, etc. Need for human service providers to develop political acumen necessary to get adequate support for programs.

**Pepper, Rick**  
Director, Brooks Campus  
Box 1979, Brooks, Alberta T0J 0J0  
(403)362-7373

*Employment:* Director, Brooks Campus, Medicine Hat College

**Pimm, Larry**  
Alderman  
City of Red Deer  
P. O. Box 5008, Red Deer, Ab. T4N 3T4  
(403)347-4421, ext. 76

**Plesuk, Brian**  
Senior Socio-Economic Planner  
Gulf Canada Resources  
P. O. Box 130, Calgary, AB. T2P 2H7  
(403)233-5209

*Area of Involvement:* Community work and socio-economic component of project planning.  
*Education:* Bachelor of Recreation Administration, M.A. Community Dev.  
*Employment:* community recreation fieldworker - City of Edmonton, community impact coordinator - Alberta Environment, socio-economic planner - Gulf Canada Resources.  
*Experience:* Working with community groups in their involvement in and assessment of large projects. Community contact and socio-economic planning around large energy projects.  
*Resources You Have To Share:* Social impact assessment of commercial energy projects from a government, industry and community perspective.  
*Issues:* attitudes and skills necessary to bring about a balance between economic and human considerations in energy development.

**Pocock, Bonnie J.**  
Administrative Assistant  
University of Alberta, Faculty of Extension  
Corbett Hall, U. of A., Edmonton, AB. T6G 2G4

*Area of Involvement:* Committee member and administrative assistant for The Human Side of Energy.  
*Education:* B.Ed.

**Price, Morgan**  
Socio-economic Assistant  
Gulf Canada Resources  
c/o 10 floor, Frontier Dev., P.O. Box 130, Calgary, Ab. T2P 2H7  
(403)233-3907

*Area of Involvement:* Socio-economic impact/Beaufort Sea, W. Artic  
*Education:* University/Geography & History  
*Employment:* Environmental Consultants, Uranium Mining  
*Experience:* Geography & Cartography  
*Issues:* Socio-economic concerns; impact on native groups; oil boom and bust.

**Procter, Neil**  
Director  
Family and Community Support Services  
#15, 4908 - 49 Street, Lloydminster, AB. T9V 0K7  
(403)825-9127

*Education:* 2 year diploma Lethbridge Community College  
*Employment:* Director F.C.S.S. 5 years  
*Issues:* Social impact (family and youth services)



**Prokop, Garry J.**  
Projects Representative  
Trans Alta Utilities  
Box 1900, Calgary, AB. T2P 2M1  
(403)267-7237

*Area of Involvement:* Social impact assessment and public participation - generating projects.  
*Education:* University of Saskatchewan  
*Employment:* YMCA - 4 years, Saskatchewan Environment - 5 years, Trans Alta Utilities - 2 years.  
*Resources You Have To Share:* 11 years of experience in working with community groups - public participation - SIA  
*Issues:* Impact of massive energy projects on rural communities, role of governments vis-a-vis the private sector in resource development, enhance sensitivity toward SIA.

**Puckett, Joan**  
Social Planning Asst.  
City of Lethbridge  
1020 - 20 St. S., Lethbridge, AB. T1J 0P6  
(403)329-4877

*Area of Involvement:* Community development issues  
*Education:* B.A. Sociology  
*Employment:* Social Service and community development work.  
*Issues:* Impact on social institutions and social groups.

**Quarshie, Ellis**  
District Administrator  
A.A.D.A.C.  
1st Fl., Walsh Bldg., Fort McMurray, AB. T9H 1S4  
(403)743-1189

**Ramsey, Bruce**  
Manager, Socio-Economic Services Ltd.  
International Environmental Consultants  
Suite 345, 4400 Macleod Trail, S.W., Calgary, AB. T2G 0A4  
(403)243-8822

*Area of Involvement:* Socio-economic impacts assessment of major developments for petroleum, mining utilities and pulp and paper industries.  
*Education:* B.A. Economics/Psychology, Masters of National Resource Management  
*Employment:* Consultant (Socio-economic)  
*Experience:* 5 years socio-economic consulting, 2 years regional planner.  
*Resources You Have To Share:* professional experience conducting socio-economic impact assessments of resource based developments

*Issues:* impact of major resource developments on lifestyle, social issues and social services

**Reiner, Faith**  
Director  
Family and Community Support Services  
Box 756, Lac La Biche, AB TOA 2C0  
(403)623-4464

*Area of Involvement:* F.C.S.S. Director  
*Education:* B.A.

**Richards, Alan**  
Coordinator, Social Impact Assessment  
Petro-Canada  
P. O. Box 2844, Calgary, AB T2P 3E3  
(403)232-8898

*Education:* Geography, Environmental Studies  
*Employment:* Environmental impact; community planning; social impact.

**Richter, Dennis**  
Professor  
University of Wisconsin  
Dept. of Geography  
800 West Main Street, Whitewater, WI, U.S.A. 53190  
(414)472-1071

*Area of Involvement:* Regional analysis & planning, environmental systems analysis, computer analysis and mapping.  
*Education:* Ph.D. University of Georgia  
*Employment:* Professor of Geography, Dept. of Geography, Univ. of Wisconsin-Whitewater  
*Experience:* 18 years teaching experience, consultant to local community and county planning and environmental agencies in land use planning.  
*Resources You Have To Share:* Discussion of land use planning impacts by County and State action and potential land, resource and social benefits.  
*Issues:* Legislation concerning resource development and land use planning, social implications of development in rural areas and small communities.

**Roberts, Richard**  
Director  
Praxis, A Social Planning Company  
111 - 10A Street, N.W., Calgary, AB. T2N 4M7  
(403)283-0193

**Robinson, Paul A.**  
Planning Officer  
Alberta Housing & Public Works  
10050 - 112 Street, Edmonton, AB  
(403)427-8150



*Area of Involvement:* planning for resource and rapid growth communities - energy conservation.

*Education:* B.A. Economics, University of Western Ontario, Masters Environmental Studies - Urban Planning.

*Resources You Have To Share:* Knowledge regarding planning and housing.

*Issues:* any issues related to planning and housing and energy conservation.

**Rollo, Christine**

Senior Manpower Analyst  
Canada Employment and Immigration Commission  
5 flr, 9925 - 109 Street, Edmonton, Ab. T5K 2J8  
(403)420-2420

*Area of Involvement:* Industrial & labour market trends in Alberta

*Education:* M.A. Economics - labour economics and industry

*Employment:* Economic Services Branch, Alberta Region, Canada Employment & Immigration Commission

*Issues:* Discuss the labour imbalances that increasing economic activity will generate.

**Robson, James R.**

Senior Planner  
Alberta Government Services, Planning & Services Branch  
17th Floor, 10001 Bellamy Hill, Edmonton, AB. T5J 3C1  
(403)427-4253

*Area of Involvement:* Planning and policy responsibility for Government of Alberta buildings and installations, at present and future.

*Education:* B.A. (Geography/Physics), B.Arch.

*Employment:* Previous sub-contract with Federal Government (EMR) in Atlantic Canada

*Experience:* Architectural practise, specializing in energy upgrading and conservation design.

**Ross, Bill**

Associate Dean  
Faculty of Environmental Design,  
University of Calgary  
Calgary, AB. T2N 1N4  
(403)284-6601

*Area of Involvement:* Energy conservation.

*Education:* Ph.D., Physics

*Resources You Have To Share:* Presenting material related to energy conservation.

*Issues:* Energy conservation.

**Rowe, Leslie Grattan**

Sr. Environmentalist/Socio-Economic Studies Coordinator, Hibernia EIS  
Mobil Oil Canada Ltd.  
Box 62, Atlantic Place, 215 Watr Street, St. Johns, Nfld. H1C 6C9  
(709)753-2781

*Area of Involvement:* Canadian east coast-offshore oil development and its impacts on human environment.

*Education:* Marine biologist with over 10 years experience in Newfoundland and Labrador dealing with environmental (Biological, Physical, Human) protection and offshore oil activity.

*Employment:* Federal Energy, Mines & Resources, 1977-80, Mobil Oil Canada Ltd., 1980, Present: Canadian East Coast.

*Experience:* Project manager for mobil for the socio-economic studies re: Hibernia; design and manage offshore Labrador biological studies for EMR, including a community liason role.

*Resources You Have To Share:* information from/for an EIS presently in preparation for oil development at Hibernia, offshore Newfoundland.

*Issues:* shifts in manpower from traditional resource industry, how to involve company & community in information sharing.

**Rozon, Mr. G. M.**

Principal  
RMC Resources Management Consultants  
10443 - 85 Avenue, Edmonton, AB. T6E 2K2  
(403)432-0284

*Area of Involvement:* Socio-Economic impact assessment and planning for resource development.

*Employment:* Canadian International Development Agency (4 years); Government of N.W.T. (2 years);

Canadian Arctic Gas Study Ltd. (2 1/2 years); RMC (Consulting) (4 years).

*Experience:* The human implications of economic development planning from the perspective of: Government, Funding Agency, Proponent and Community.

*Issues:* Particularly interested in impacts on 'Vulnerable Groups' and planning, policy and regulatory issues.

**Rowe, Penelope**

Executive Director  
Community Services Council  
21 Factory Lane, St. Johns, Nfld. A1C 5V3  
(709)753-9860

**Rozee, Bevery**

Researcher  
Outreach Project  
Johnston Hall, Guelph, Ontario N1G 2W1

*Area of Involvement:* Public participation in rural development

*Education:* B.A. Honors, Sociology; B.Sc. Psychology/Biology; M.Sc. Environmental Policy - in prog.

*Experience:* Field work in Alberta - coal developments.

*Issues:* Public participation in energy resource development - social impact assessment methodology.

**Ruby, P. M.**

Social Planning Consultant  
Strong Hall and Associates  
2 floor, 517 Center Street, S., Calgary,  
AB. T2P 2A6  
(403)233-2350

*Area of Involvement:* Socio-economic impact assessment, public involvement, planning and management.

*Education:* MSW (University of Calgary)  
Specialization: Community Practice (B.S.W. University of Calgary, in Community Practice)

*Employment:* Current: Senior Social Planning Consultant with Strong Hall and Associates. Previous: Assistant to the B.C. Ombudsman, Assistant Coordinator of Socio-Economic Affairs with Foothills Pipe Lines (Urban) Ltd., Social Housing program officer with Central Mortgage and Housing, Community practice with senior citizens for Alberta Mental Health, a variety of social service and counselling/therapy positions; community radio; recreation, academic administration.

*Resources You Have To Share:* Group work skills (eg. facilitating/chairing meetings or "summing up" sessions); single copies of reports completed; willing to assist with discussion groups (or hecklings, etc.)

*Issues:* "state of the art" socio-economic impact assessment and monitoring; socially sensitive planning re: future communities not yet existent, but projected due to resource development - how does one plan/consult with non-resident publics?

**Saddleback, Rose S.**

Researcher  
Federal Government, Dept. of Indian Affairs  
9942 - 108 Street, Edmonton, AB. T5K 2J5  
(403)420-2906

*Area of Involvement:* Liason to native bands, program - "Major Resource Projects" Education: B.S.W. University of Calgary.

*Employment:* Indian Assoc. of Alberta, (Treaty Rights Program).

*Issues:* positive impacts, employment and business opportunities training, related to

natives.

**Savatsky, Dr. Pamela Dee**

Professor  
Dartmouth College and Eastern  
Washington University  
86 Hosmer Street, Hudson, Ma U.S.A.  
01749  
(617)562-7893

*Area of Involvement:* Social impact assessment of energy projects - development of SIA methodologies

*Education:* Ph.D. in Sociology  
(Environment & Medical) Northeastern University.

*Employment:* presently professor, previously at Clark University in Massachusetts.

*Experience:* as a principal investigator, project manager and consultant to agencies in US and Canada on SIA

**Scott, Michel E.**

National Energy Board  
25H Du Progres Quest, Pointe Gatineau,  
Quebec. J8T 2B5  
(819)996-7535

**Shannon, John**

Director of Program  
Northern Development Branch, Tourism &  
Small Business  
Postal Bag 900-14, Peace River, AB.  
T0H 2X0  
(403)624-6274

*Area of Involvement:* investigate conditions in Northern Alberta and make recommendations to the Northern Alberta Development Council.

*Education:* Masters, University of North Dakota

*Employment:* taught school in Northern Alberta and Minnesota

*Resources You Have To Share:* Community work in Northern Alberta, studies are available for viewing.

*Issues:* to investigate the impact on communities resulting from resource development.

**Seaman, Lorna**

Consultant in Community Energy  
Lorna Seaman & Associates  
c/o Square One Management Ltd  
100 Gloucester St., Ottawa, Ont. K2P 0A4  
(613)236-9712

*Area of Involvement:* Development of community based programs in energy conservation, and public information & educational tools.

*Education:* B.Sc (Home Ec.)

*Employment:* Presently on contract with



Nova Scotia Dept. of Mines & Energy  
developing a plan for energy  
conservation information centers  
throughout the province.

*Experience:* 15 years in community  
outreach and adult education programs  
in the areas of public health & nutrition  
and energy conservation.

*Resources You Have to Share:* A  
Guidebook on Community Energy  
Conservation. Initiatives, experience with  
municipal government, experience with  
design and building of a solar home.

*Issues:* The impact of energy  
development on social institutions,  
planning and policy issues, and energy  
and the future.

**Sharpe, Mary Anne**

Environmental Coordinator  
Gulf Canada Resources  
P.O. Box 130, Calgary, Ab. T2P 2H7  
(403)233-4931

*Area of Involvement:* Production  
operations group environmental planning

*Education:* M.Sc. Physiology

*Employment:* 1 yr. with GCRI  
Environmental Planning (Prod. Ops) 4 yr.  
with Gulf Canada R & D Dept.

*Experience:* Biophysical aspects of oil  
industry operations (refining and  
production) with limited work in  
socioeconomic aspects.

*Resources You Have To Share:*  
knowledge of environmental impact  
assessment process, public participation,  
teaching experience

*Issues:* assessing values of "Social"  
Resources, assessment of social impacts;  
effects of development on social  
institutions

**Shavaliar, Mary**

Community Impact Coordinator  
Alberta Environment  
615 - 1 Street, S.E., Suite 1400,  
Calgary, AB.  
261-6586

*Area of Involvement:* Community Impact  
Assessment - Public's role in it.

*Education:* (M.Sc.) Urban and Regional  
Planning

*Employment:* Alberta Environment,  
Environmental Assessment Division

*Experience:* Worked with communities  
to help them assess how growth  
associated with energy projects will  
affect them.

*Issues:* Roles of various groups ie.,  
industry, government, public in the  
impact assessment process.

**Shirt, Eric**

Director  
The Nechi Institute on Alcohol and Drug

Education  
R.R. #2, Winterburn, AB. T0E 2N0  
(403)487-4445

**Sklofsky, Jack**

Principal  
C.P.M. Planning Services Ltd.  
9912 - 106 St., Edmonton, AB. T5K 1C5  
(403)425-9505

*Area of Involvement:* Planning and  
policy changes.

*Education:* Urban-Regional Planning,  
Environmental Studies Public Sector  
Management

*Employment:* Municipal, Prov., Fed.,  
Gov't, Fed. of Canadian Municipalities.

*Experience:* Reviewed regional plans for  
Alberta, designed a regional plan review  
system. Currently - policy plan for  
design and management of consultation,  
coordination mechanisms.

**Sloan, Rick**

Northern Development Officer  
Northern Development Business, Tourism  
& Small Business  
9621 - 96 Avenue, Bag 900-14,  
Peace River, Ab. T0H 2X0  
(403)624-6274

*Area of Involvement:* Work as a  
member of the research team of the  
Northern Development Branch,  
Government of Alberta. Many  
communities in Northern Alberta are  
undergoing change and development by  
virtue of increased resource  
development. A whole host of issues  
need to be dealt with at the  
conference. Future government planning,  
environmental concerns, citizen  
participation in resource development,  
future manpower training needs are just  
a few that are important to me.

**Smith, Carole**

Executive Director  
Family Life Education Council of Calgary  
223 - 11 Avenue, S.E., Calgary, Ab.  
(403)283-6792 (Res)

**Smith, David C.**

Graduate Student  
Dept. of Geography, Social Science  
Centre, University of Western Ontario  
N6A 5C2  
(519)679-3423

*Area of Involvement:* Planning and  
provision of Leisure and Recreation  
facilities in remote  
exploration/exploration comps or  
developing areas.

*B.A. Geography*

*Experience:* Personal Research



*Issues:* the program sounds interesting. I hope to discuss problems associated with workers and camps or remote towns.

**Smith, Janet E.**  
Program Coordinator  
University of Alberta  
3 floor, Clinical Science Building,  
CAMPUS  
(403)432-6430

*Area of Involvement:* Developing a community program on energy conservation

*Education:* M.Ed. in Developmental Psychology; B.Sc. in Nursing  
*Employment:* lecturer, Faculty of Nursing  
*Issues:* developing energy conservation measures in existing conventional residences. Developing community awareness of energy conservation in their community and homes.

**Smith, K. R.**  
Director  
Environmental Assessment Division,  
Alberta Environment  
9820- 106 Street, Edmonton, AB. T5K 2J6  
(403)427-6209

*Area of Involvement:* Environmental Impact Assessment of Energy Dev.  
*Education:* Commerce and Business Administration.  
*Employment:* Government of Alberta 1970-81 various positions involving interdepartmental coordination and resource development.

**Smith, Lane**  
Director  
Grande Prairie & District Preventive Social Services  
9925 - 100 Avenue, Grande Prairie, Ab. T8V 0V1  
(403)532-1055

*Area of Involvement:* Community Development, Social Planning, Administration

*Education:* various courses relevant to social services, community Employment: Preventive social services  
*Experience:* 6 years community social planning

**Speers, Sheila**  
Research Planner  
Stanley Associates Engineering Ltd  
11810 Kingsway Avenue, Edmonton, Ab. T5G 0X5  
(403)453-3441

*Area of Involvement:* Public

participation, environmental impact assessment, social impact assessment, community impacts.

*Education:* Honours Bachelor of Arts, Major: Geography

*Employment:* Stanley Associates

Engineering Ltd - Research Planner

*Experience:* acted as public participation representative for proposed petrochemical developments - compiled community overviews.

*Issues:* public participation and social impact as part of an environmental impact statement.

**Stanley-Venne, Muriel**  
Community Relations Manager  
Bechtel Canada  
3rd Fl., Nova Bldg., 9888 Jasper Ave.,  
Edmonton, AB. T5J 2P4  
(403)422-9656

*Area of Involvement:* Native peoples employment training

*Experience:* 10 years involved in native employment.

*Resources You Have to Share:* Alberta - native employment

*Issues:* Sharing of good programs so they can be implemented by a big corporation.

**Stapelton, Terrence**  
Planning Researcher  
Prov. Dept. of Social Services  
Box 4040, St. Johns, Nfld.  
(709)737-3607

*Education:* B.A. Social Anthropology  
*Issues:* Social impact studies - effects on government agencies and small communities.

**Staszewski, Brian**  
R.R. #1, Thorsby, Alberta T0C 2P0  
(403)434-0892

**Sterling, Alice**  
Box 7833, Missoula, Montana 59807  
(406)543-7681

**Stoker, Dan**  
Senior Energy Conservation Officer  
Alberta Energy and Natural Resources  
9915 - 108 St., Edmonton, AB. T5K 2C9  
(403)427-7171

*Area of Involvement:* Developing energy conservation educational materials for schools in Alberta.

*Education:* B.Sc., B.Ed.

*Experience:* Extensive experience in environmental education in Ontario and Alberta, author of texts in this field.

past high school teacher and outdoor educator.  
*Resources You Have to Share:* Sharing experiences in programs to promote energy education in ongoing and planned for Alberta.

**Stuart, David**  
Housing and Community Coordinator  
Canstar Oil Sands Ltd.  
15th Fl., 700 - 4th Avenue S.W.,  
Calgary, AB. T2P 3J5  
(403)264-4210

*Area of Involvement:* Development of housing and community planning policies on behalf of Canstar Oil Sands.  
*Education:* Graduate degrees in urban research and planning.  
*Employment:* Largely public sector at all three levels of government - currently the private sector.  
*Experience:* New town planning - townsend, policy analysis and development, social planning.

**Summer, E.K.**  
North B.C. Alaska Highway Gas Pipeline Advisory Council  
Box 34, Ft. Nelson, B.C. V0C 1R0  
(604)774-2478

*Area of Involvement:* Socio-economic effects of major development on women and their families.  
*Education:* Life experience.  
*Employment:* researcher on above area.  
*Experience:* "Beyond the Pipeline", member of Alaska Highway Gas Pipeline Advisory Council.  
*Issues:* role of community affected, their needs, wants, concerns, (seen as valid or otherwise) apathy - how to conquer it.

**Sumartojo, Esther**  
Research Assistant  
Centre for Public Policy, University of Houston  
Houston, Texas 77004  
(713)975-9488

**Symonds, Bill**  
Planner  
Alberta Municipal Affairs  
9925 - 107 Street, Edmonton, AB. T0E 2N0  
(403)427-2593

*Area of Involvement:* Town planner, largely in east central Alberta.  
*Employment:* Planner, Alberta Municipal Affairs  
*Experience:* community planning and advice in Swan Hills, Slave Lake, Ardmore, Ft. Kent

*Issues:* dealing with decline when energy is gone, dealing with very small communities in the face of enormous speculative development pressures.

**Szpuniarski, Caron**  
Northern Development Officer  
Northern Development Branch  
Postal Bag 900-14, Peace River, AB.  
T0H 2X0  
(403)624-6385

*Area of Involvement:* Socio-economic research regarding northern development, and public participation in policy development.  
*Education:* on the job training - research officer trainee with N.W.T. Government 1977-79.  
*Employment:* Government N.W.T./Alberta - 12 years; Self-employed consultant 1 1/1 years.  
*Issues:* research problems related to disadvantaged groups.

**Tarleck, R.D.**  
Alderman  
City of Lethbridge  
910 - 4th Avenue S., Lethbridge, AB.  
T1K 0P6  
(403)328-2341

*Area of Involvement:* City council, municipal planning commission, Old Man River Regional Planning Commission Resources Sub Committee.  
*Education:* MA, MED  
*Employment:* Lethbridge City Council - 7 years  
*Experience:* 7 years Lethbridge City Council, Municipal Planning Commission, Old Man River Regional Planning Commission, Environmental Conservation Authority.  
*Issues:* Regional and subdivision planning, conducive to active passive solar energy programs; taxation policies and other legislative constraints to the implementation of new energy technologies. Note - initiated resolution through the City of Lethbridge urging the Government to remove existing property taxation disincentives for investments in passive and active solar systems.

**Thomas, Franklin**  
Grande Prairie Regional College  
Box 1487, Grande Prairie, AB.  
(403)532-8830, ext. 273

**Thompson, Dixon**  
Director of Environmental Science Program  
Faculty of Environmental Design  
University of Calgary, Calgary, AB. T2N



IN4  
(403)284-6605

*Area of Involvement:* Energy policy, energy conservation  
*Employment:* Research management

**Thompson, J. Victor (Dr.)**  
Professor and Director  
School of Social Work, Memorial University  
St. John's, Newfoundland  
(709)737-8164

**Tobin, Maria**  
Coordinator, Community Relations  
Syncrude Canada Ltd.  
200, 9911 MacDonald Avenue, Ft. McMurray, AB. T9H 1S7  
(403)743-9110, Ext. 212

*Area of Involvement:* Community relations (all areas)  
*Education:* Related cause work to job area  
*Employment:* Community Relations Coordinator for Syncrude Canada L  
*Experience:* 3 years employment in Community Relations, Native Development. 5 years residence in community impacted by Resource Development.  
*Resources You Have To Share:* network of Human Resources.  
*Issues:* gain other perspectives on community impact, responses and coping mechanisms

**Trehearne, Paddy**  
Assistant Planner  
Canstar Oil Sands Ltd.  
15th Fl., 700 - 4th Ave. S.W., Calgary, AB. T2P 3J5  
(403)264-4210

*Area of Involvement:* Policies planning for housing and community development for the new town north of Fort McMurray - re: oil sand development.  
*Employment:* Canstar Oil Sands - summer and contract work  
*Issues:* Private public sector cooperation on the delivery of these projects; appropriate housing types, tenure preferences and delivery mechanisms.

**Tuck, Ada M.**  
Senior Specialist, Socio-Economics  
Northern Pipeline Agency  
4th floor, 400 - 4 Avenue, S.W., Calgary, Ab. T2P 0S4  
(403)231-5869

*Area of Involvement:* socio-economic impact studies, monitoring and evaluation with the Pipeline Agency, federal regulation of Alaska Highway Gas

Pipeline  
*Education:* Graduate work - Anthropology, cross cultural studies. Field work in native communities.  
*Experience:* purpose of which was to do impact assessment of energy development projects.  
*Resources You Have To Share:* Present experience in working with regulatory aspects of energy development and evaluation of socio-economic regulatory programs.  
*Issues:* methodologies of assessing impacts of resource developments.

**Tyler, F.H.**  
Professor  
Kananaskis Research Centre and Faculty of Social Welfare  
2920 - 24 Avenue N.W., Calgary, AB. T2N IN4  
(403)284-6676

**Tyler, Lillian R.**  
1428 Windsor St. N.W., Calgary, AB. T2N 3X3  
(403)282-4770

*Area of Involvement:* Family life  
*Education:* Social work  
*Employment:* Program Director, Y.W.C.A.; Executive Director - Family Life Education Council of Calgary  
*Experience:* Variety of small group experiences - both as participant and leader. Volunteer in local, provincial & national "family-concerned" organizations.  
*Issues:* Impacts on families of energy policies and issues.

**Tyler, Stephen**  
Sr. Energy Conservation Officer  
Alberta Energy & Natural Resources  
7th Fl., 9915 - 108 St., Edmonton, AB. T5K 2C9  
(403)4270-6902

**Van Belle, Peter**  
Van Belle Associates Ltd  
140 Cowley Bay, Fort McMurray, AB. T9K 1G5  
(403)743-0994

*Area of Involvement:* Impact on communities of major industrial projects with past emphasis on housing  
*Education:* B.A. - University of Waterloo  
*Employment:* Self employed as urban and regional planner.  
*Experience:* 15 years in Municipal Planning.  
*Resources You Have to Share:* Understanding of the changing character of the community as it is impacted  
*Issues:* Predictive capabilities



**van Veen, Allard**  
Allard van Veen Associates Ltd.  
#502, 455 Granville St., Vancouver, B.C.  
V6C 1V2  
(604)669-2488

*Area of Involvement:* Public Affairs  
counsel on environmental affairs.  
*Education:* University of Victoria  
*Employment:* Consults management in  
the area of public affairs which  
encompasses human relations, gov't  
relations, media relations and corporate  
relations.  
*Experience:* Freelance journalism,  
broadcasting, publishing, finance  
association management.  
*Issues:* The need for more effective  
use of internal and external  
communications within the energy  
industry.

**Vanweerden, Peter**  
Planning Assistant  
City of Edmonton, Transportation  
Systems Design  
9803 - 102A Ave., Edmonton, AB. T5J  
3A3  
(403)428-2977

*Area of Involvement:* Transportation  
planning  
*Education:* Architecture  
*Employment:* City of Edmonton -  
Transportation Systems Design  
*Experience:* 1.5 years as Planning  
Assistant  
*Resources You Have to Share:*  
Attendance is strictly in an  
observant/receptive capacity.  
*Issues:* Impact of energy  
development/change on transportation  
planning.

**Varaleau, Darlene**  
Community Relations Coordinator  
B. C. Hydro  
Box 760, Cache Creek, B.C. V0K 1H0  
457-9601

*Area of Involvement:* community  
relations  
*Education:* B. SW - Social work, M.A.  
- Applied Behavioral Sciences.  
*Employment:* B.C. Hydro  
*Experience:* worked on the Cold Lake  
heavy oil development while working as  
director of Preventive Social Services.  
*Issues:* affirmative employment programs  
for natives, alternative to large energy  
developments, and affirmative action  
programs for women and handicapped.

**Wagstaff, Neil**  
Director  
Buffalo Lake Regional Resources Project  
Box 593, Elnora, AB. T0M 0Y0  
(403)773-3599

**Warren, Royce**  
Natural Resource Management  
Department of Indian Affairs  
700 West Georgia Street, Vancouver,  
B.C. V7Y 1C1  
(604)666-1628

**Washington, Susie**  
Education Coordinator  
Alberta Environment  
Communications Branch, 9820 - 106 St.,  
Edmonton, AB. T5K 2J6  
(403)427-6310

*Area of Involvement:* Organized the  
energy future section of the conference  
*Employment:* Worked for Nature  
Conservancy, Trust for Public Land. Past:  
Teacher and Director of an  
environmental institute.  
*Resources You Have to Share:*  
Community response, acceptance to  
energy conservation and energy needs:  
how to "sell" these ideas to the public.  
*Issues:* Community concerns re: the  
impact of resource development, energy  
future and alternate technologies. Impact  
of such development on personal  
lifestyles.

**Waterhouse, Michael**  
Coordinator, Corporate Planning Analysis  
Gulf Canada Resources  
Box 130, Calgary, AB. T2P 2H7  
(403)233-4692

*Area of Involvement:* Planning  
processes, planning methodologies,  
search conferences, participatory and  
interactive planning.  
*Education:* Ph.D. (Regional Planning &  
Resource Development, (Univ. of  
Waterloo); MAPP.Sc. (Environmental  
Pollution Control); MEngSc (system  
modelling); B.E., Univ. of South Wales  
(Australia)  
*Experience:* Organizational behavior and  
development environmental impact  
assessment - methodology and practice,  
strategic planning methodologies.  
*Issues:* To identify issues surrounding  
planning generally Weisz, Robert  
Moon Ranch Inc.  
Star Route Box 278, Tijeras, New  
Mexico, U.S.A. 87059  
(505)884-6619

*Area of Involvement:* Consultation to  
impacted communities on mental health  
and human service needs and problems.  
*Education:* Ph.D. Community Psychology  
*Employment:* Self employed as  
Consultant.  
*Experience:* 10 years experience as  
consultant and mental health services  
provider.  
*Resources You Have To Share:* 10 years  
of experience in service delivery, 7

years in energy impacted community, 5 years as consultant.  
*Issues:* The responsibilities of industries towards the communities they impact. How to plan and prepare for rapid growth. The human costs of energy development.

**Wieler, Dennis (Dr.)**  
Instructor  
Grande Prairie Regional College  
Grande Prairie, AB.  
(403)532-8830

*Area of Involvement:* Past president of Grande Prairie & District United Way; involved in the Grande Prairie Social Impact Study.

*Education:* Degree in Political Science

*Employment:* Served as a consultant with several community agencies - Grande Prairie Friendship Centre

*Issues:* Social impact assessment, problems of boom towns, the importance of advance planning.

**Wiebe, Katherine**  
Director  
Family and Community Support Services  
Box 1665, Bonnyville, AB. T0A 0L0  
(403)826-2120

*Education:* M.A.

**Wilkinson, Barbara**  
N.A.D.C. Council Member  
Northern Alberta Development Council  
Box 540, Athabasca, AB. T0G 0B0  
(403)675-4325

*Area of Involvement:* Member of Northern Alberta Development Council  
*Education:* B. Sc. N., Community Health Nursing

*Employment:* Housewife and N.A.D.C.  
*Experience:* Staff and Supervisory; Volunteer work; Mother, Housewife.

**Will, Gail D.**  
27 Rosen Place N.W., Calgary, AB.

*Area of Involvement:* Social services/sciences

*Education:* B.A. - M.S.W.

*Employment:* In transit at this time.

*Experience:* 9 years experience in social servi Resources You Have to Share: Community and organizational background, work with individuals, groups, community.

**Wilson, Terry R.**  
Director - Family & Community Support Services  
Towns of Brooks and Bassano

Box 880, Brooks, AB T0J 0Z0  
(403)362-4973

*Area of Involvement:* community development

*Education:* B.S.W. in Community Practice

*Employment:* Director of Family and Community Services in Brooks and Bassano.

*Experience:* Community Development experience with MT Royal College, YWCA, Boy Scouts and PSS in Calgary.  
*Resources You Have To Share:* Personal experience from living in a boom town from energy development.

*Issues:* impact on human services due to rapid technological development on a community.

**Winter, James**  
Information Officer  
21 Factory Lane, Box 5116, St. Johns, Nfld A1C 5V3  
(709)753-9860

**Wolf, Paul**  
Director, Process Development  
Federal Environmental Assessment Review Office  
Fontaine Building, Sacre Coevr Blvd, Hull, PQ. K1A 0H3  
(819)997-2725

*Area of Involvement:* Present Environmental Impact Assessment; Social Impact Assessment; Policy, Past Long Range Planning, Human Resources Planning

*Education:* Grad. Psychiatric Nurse; B.A. in Zoology & English; Specialization in Animal Behaviour. Institut d'Administration des Entreprises-Aix-en Province, France.

*Employment:* Director, Process Development, Federal Environmental Assessment Review Office Ottawa, Ontario

*Experience:* Long-range Planning and Forecasting, Human Resources Planning, Environmental Impact Assessment, Public Participation, Social Impact Assessment.

*Resources You Have To Share:* Experience in above area, experience with machinery of government.

*Issues:* Social Impact Assessment

**Wood, William D.**  
Teaching Assistant  
University of Hawaii at Manoa, Sociology Department.  
2424 Maile Way, Honolulu 96822  
(808)-5730

*Education:* B.A., Sociology and Economics; M.A. Sociology; M.P.H. (University of Hawaii).

*Employment:* Doctoral student, teaching assistant in statistics computer software



programming - 1973-78 - Coordinator  
rehabilitator with gov't of Yukon  
Territory.

**Woodley, J.A. Warner**  
Senior Vice President  
Husky Oil Ltd.  
Box 6525, Calgary, AB. T2P 3G7  
(403)267-6160

*Area of Involvement:* Senior Vice  
President, Husky Oil Ltd., Corporate and  
Community Affairs, Human Resources  
and Administration.  
*Education:* Bach. of Commerce, majored  
in industrial relations (U.B.C.)  
*Experience:* Heavily involved in human  
resources, administrative functions.  
*Issues:* Want to better understand the  
social impact of energy development.

**Wright, Forest**  
Commission Member  
Palliser Regional Planning Commission  
Hanna, AB. TOJ IP0

**Wright, James E.**  
Consultant  
Bahnuik & Wright  
10503 - 122 Street, Edmonton, AB. T5N  
IM5  
(403)482-3498

*Area of Involvement:* Economic impact  
of energy projects on  
community/regional economies.  
*Education:* B.Sc. (Finance); M.A. (History  
and Economics; Industrial Dev. Institute  
graduate, working on Ph.D.  
*Employment:* Coronation Mortgage, Fed.  
Dept. of Industry, Trade & Commerce;  
Eastern Oregon Community Dev. Council;  
Government of Alberta.  
*Employment:* Mortgage financing, market  
research, small town economic/industrial  
development.  
*Resources You Have to Share:*  
Experience and materials on community  
and regional economic development, data  
on location of industries.  
*Issues:* Survey of economic impact  
methodologies, find tourism impact  
methodology methods of helping areas  
obtain the optimum benefits from  
energy projects.

**Wright, Jim**  
Director  
Faculty of Environment Design  
University of Calgary, Calgary, AB. T2N  
IN4  
(403)284-6811

**Wright, Karen**  
Box 1178, Hanna, AB. TOJ IP0

(403)854-4159

**Young, Bruce**  
Manager, Special Programs  
B.C. Hydro  
970 Burrard Street, Vancouver, B.C.  
V6Z 1Y3  
(604)663-3127

**Zaitzeff, Anna Walkey**  
Executive Director  
Cornerstone Planning Group  
22 Creekhous, Granville Island,  
Vancouver, B.C. V6H 3R9  
(604)687-5896

*Area of Involvement:* Social impact  
assessment, and social planning and  
research  
*Education:* B.A. (Urban and Regional  
Analysis)  
*Employment:* Principal, Cornerstone  
Planning Group (Since 1973), consulting  
in Western Canada, offices: Edmonton  
and Vancouver.  
*Experience:* Social impact projection and  
assessment; policy analysis; social  
planning related to resource  
developments.  
*Resources You Have To Share:* Practical  
experience in SIA, Community  
Development, and energy issues.  
*Issues:* Planning for development in the  
'80's: The Coordination of Levels of  
Government/Inter-Provincial Planning

**Zaprawa, Frank**  
Planner  
Transportation Systems Design Dept.  
City of Edmonton  
9803 - 102A Ave., Edmonton, AB. T5J  
3A3  
(403)428-2455

*Area of Involvement:* Transportation  
Planning  
*Education:* B.Sc. Psychology; B.A.  
Geography, Urban Planning  
*Employment:* City of Edmonton  
*Experience:* Public participation,  
functional planning studies, land  
development, special projects.  
*Resources You Have to Share:*  
Information and experience in noise  
attenuation facilities, air pollution, public  
participation programs.  
*Issues:* Environmental impacts - role  
of public participation, effect on  
community development.

**Zelmer, Dr. Amy E.**  
Academic  
University of Alberta  
3-4 University Hall, Edmonton, Ab. T6G  
2J9  
(403)432-3213



*Area of Involvement:* Adult Ed.,  
Community Health, International  
Development

*Education:* B.Sc.N., M.P.H., Ph.D.

*Employment:* University Administration,  
previous employer in Adult Ed., Nursing  
Ed., and Community Health

*Experience:* 2 years living in S.E. Asia,  
various community groups and NGO's

*Resources You Have To Share:*

experience as above

*Issues:* Some directions for university  
involvement in these issues.

**Zubot, Beverly**

Planner

Edmonton Social Planning Council

#418, 10010 - 105 Street, Edmonton,

AB.

(403)423-2031

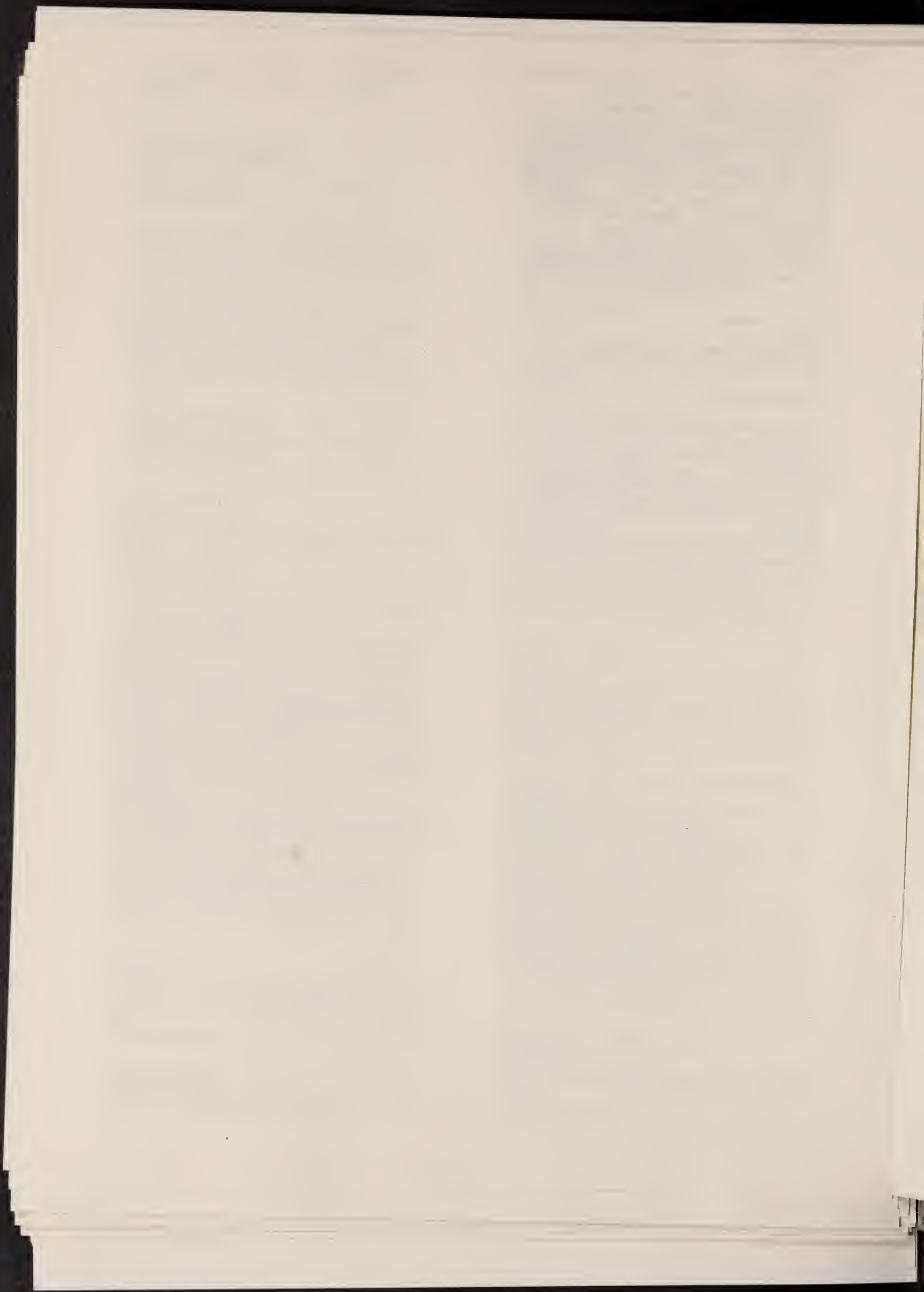
*Area of Involvement:* Urban social  
planning issues

*Education:* M.A., Sociology

*Employment:* Social research/planning

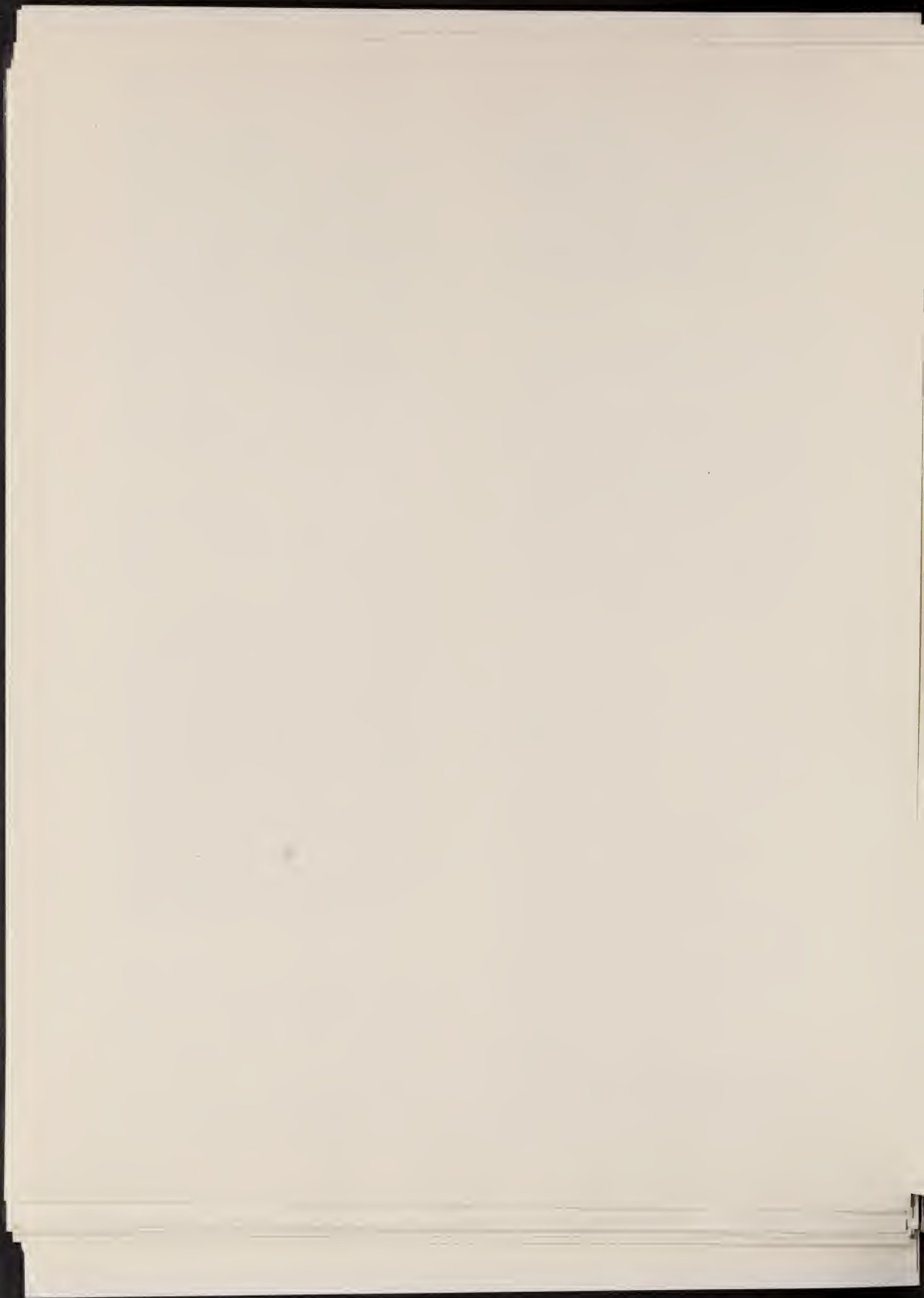
*Experience:* Have studied community  
service needs, family services, alcohol  
and drug treatment programs, resource  
towns.

*Issues:* Social impact of rapid resource  
development on urban population.















*Copy*

**INTERNATIONAL  
SYMPOSIUM on the  
HUMAN SIDE of ENERGY**

**July 7-9, 1980**

**Wyoming Human Services Project  
University of Wyoming  
Laramie, Wyoming**



HOST ORGANIZATION -  
WYOMING HUMAN SERVICES PROJECT

CO-SPONSORS

THE UNIVERSITY OF WYOMING DEPARTMENT OF SOCIAL WORK  
THE WYOMING CHAPTER OF THE NATIONAL ASSOCIATION  
OF SOCIAL WORKERS  
THE CANADIAN ASSOCIATION OF SCHOOLS OF  
SOCIAL WORK  
THE AMERICAN PUBLIC WELFARE ASSOCIATION  
THE NATIONAL CONFERENCE ON SOCIAL WELFARE  
THE RURAL SOCIAL WORK CAUCUS  
THE U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
THE OFFICE OF HUMAN DEVELOPMENT SERVICES  
(REGION VIII)  
THE NATIONAL RURAL CENTER  
RURAL AMERICA, INC.  
WYOMING ENERGY CONSERVATION OFFICE  
THE NATIONAL URBAN COALITION  
THE METRO DENVER URBAN COALITION  
THE UNIVERSITY OF WYOMING SCHOOL OF EXTENDED  
STUDIES AND PUBLIC SERVICE  
WYOMING CHURCH COALITION

THE HUMAN SIDE OF ENERGY

PROGRAM

MONDAY, JULY 7, 1980

10:00-1:00 p.m. Registration - Classroom Building  
1:00-1:30 p.m. Welcome - Classroom Auditorium

Opening Remarks -  
*Judith A. Davenport*, Institute  
Coordinator

City of Laramie Welcome - Germaine  
St. John, Mayor

University Welcome - Samuel Hakes,  
Dean, College of Engineering,  
University of Wyoming

Introduction of Keynote Speaker -  
*Andrew W. Deora*, Director,  
Laramie Energy Technology Center,  
U.S. Department of Energy

1:30-2:30 p.m. Keynote Address:

*Dr. Arlene Sofron*  
*Dept. ~~Human~~ Dev*  
*Human*  
*Services*  
*Charles F. Metzger*, Regional Rep-  
resentative of the Secretary,  
U.S. Department of Energy. Lake-  
wood, Colorado

2:30-3:00 p.m. Break

3:00-4:30 p.m. Slide and Panel Presentation

I. "Energy and Women: Who Benefits? Who  
pays?" (Classroom 304)

Moderator: *Dan Gonzales*, Catholic Social  
Services of Wyoming





MONDAY, JULY 7, 1980 - Slide and Panel Presentation Continued

Panelists: *Carol Maicki*, Sweetwater County Task Force on Sexual Assault, Rock Springs, Wyoming

*Lisa Smith*, YMCA Battered Victims, Rock Springs, Wyoming

*Jo Lynn Reeves*, Southwest Counseling Services, Rock Springs, Wyoming

*Barbara Smith*, Western Wyoming College, Rock Springs, Wyoming

3:00-4:30 p.m.

Authors' Forum

II. "Economic Perspectives on Energy" (Classroom 301)

Moderator: *Ernie Mecca*, Rocky Mountain Energy, Rock Springs, Wyoming

Topics & Presenters:

"The Socio Political Economy of Alternative Energy Systems," *Gregory A. Daneke*, College of Business and Public Administration, University of Arizona

<sup>Asyle</sup> "Energy Policy and Social Restructuring," *David F. Bramhall*, ~~Abt Associates, Inc.~~ *Southern Co.* Denver, Colorado

"Which Way Does the Wind Blow? Calculating the Costs of Energy Externalities," *Milo R. Mecham*, Department of Political Science, University of Northern Iowa

III. "Boom Towns: Public Involvement and Social Policy" (Classroom 302)

MONDAY, JULY 7, 1980 - Authors' Forum Continued

Moderator: *John W. Hanks*, Department of Social Work, University of Wyoming

Topics & Presenters:

"A Legislator's Interpretation of Energy Impact and Public Decision Making," *Matilda Hansen*, Wyoming State Legislature

"Lessons From 'Boom Societies' - OPEC Responses to Rapid Social Change," *Bruce Hall*, Social Work Division, Colorado State University

"Heavy Oil Development and the Public Involvement Process," *B.W. Plesuk*, Alberta Environment, Alberta, Canada

IV. "Energy and Rural Areas - I" (Classroom 308)

Moderator: *Leverne McCummings*, School of Social Work, University of Denver

Topics & Presenters:

"Energy in Rural America: A Coming Challenge to Social Work Education," *Karen Harper*, College of Social Work, Ohio State University

"A Seminar in Reality," *Edward P. Dutton*, School of Social Welfare, University of Kansas

"Net Energy Analysis of Human Ecosystems in an Appalachian Coal County," *A.P. Watson*, Oak Ridge National Laboratory, Tennessee

3:00-4:30 p.m.

Workshop

Table 1. Summary of the results of the first round of the survey. The table shows the number of respondents who chose each option for each question. The questions are listed in the first column, and the options are listed in the second column. The third column shows the total number of respondents for each option.

Question	Option	Number of respondents
Q1: What is the most important factor in choosing a location for a new business?	Proximity to customers	120
	Proximity to suppliers	80
	Proximity to competitors	60
Q2: What is the most important factor in choosing a location for a new business?	Proximity to customers	100
	Proximity to suppliers	90
	Proximity to competitors	70
Q3: What is the most important factor in choosing a location for a new business?	Proximity to customers	110
	Proximity to suppliers	85
	Proximity to competitors	65

Table 2. Summary of the results of the second round of the survey. The table shows the number of respondents who chose each option for each question. The questions are listed in the first column, and the options are listed in the second column. The third column shows the total number of respondents for each option.

Question	Option	Number of respondents
Q4: What is the most important factor in choosing a location for a new business?	Proximity to customers	130
	Proximity to suppliers	90
	Proximity to competitors	70
Q5: What is the most important factor in choosing a location for a new business?	Proximity to customers	110
	Proximity to suppliers	80
	Proximity to competitors	60
Q6: What is the most important factor in choosing a location for a new business?	Proximity to customers	120
	Proximity to suppliers	90
	Proximity to competitors	70



TUESDAY, JULY 8, 1980 - Authors' Forum Continued

"Seasonal Boom Towns in the Rural Southwest: Impacts Resulting from Sunshine and the Energy Crisis," *Riley P. Price, Cheryl Price and Don Magel*, School of Social Work, Arizona State University

"Boom Town Revisited: A Leadership Study of Pre-construction and Peak-construction Impacts in a Nuclear Host Community," *Gregory J. Weissen and Amy T. Seibel*, Community Psychology Program, University of Tennessee

IV. "Energy-Related Employment Opportunities for Minorities and Women" (Pharmacy 5)

Moderator: *Jon P. Schneider*, Region VIII Coordinator, Private Sector Initiative Program, The National Alliance of Business, Denver, Colorado

Topics & Presenters:

"Affirmative Action in the Private Sector," *Carl Johnson*, Mobile Oil Corporation

"The Federal Role in Affirmative Action," *Roger Wade*, Region VIII U.S. Commission on Civil Rights, Denver, Colorado

"Employment Experiences of Women Scientists and Engineers," *Michael Finn*, Oak Ridge Associated Universities, Tennessee

"Training Programs for Minorities and Women," *Marcus Weseman*, Oak Ridge Associated Universities, Tennessee

V. "Energy Development and Planning" (Aven Nelson 212)

TUESDAY, JULY 8, 1980 - Authors' Forum Continued

Moderator: *Molly McNamee*, Recreation Department, Wheatland, Wyoming

Topics & Presenters:

"Public Participation in Recreation Master Planning," *Felicity Edwards*, Alberta Oil Sands, Environmental Research Program, Edmonton, Alberta, Canada

"Energy, Intraurban Mobility and Land Use Planning," *Dennis M. Richter*, Department of Geography - Geology, University of Wisconsin - Whitewater

"Public Planning for Energy Production and Social Costs" *Elizabeth Woen*, Institute for Behavioral Studies, University of Colorado

9:00-10:30 a.m. Panel

VI. "Resource Networks" (Classroom 209)

Moderator: *Paul Bauman*, Conservation Specialist, U.S. Department of Energy, Lakewood, Colorado

Panelists: *Pete Ellsworth*, Math and Science Teaching Center, University of Wyoming

*Nancy Bedont*, Governor's State Planning Coordinators Office, Cheyenne, Wyoming

10:30-11:00 a.m. Break

11:00-12:30 p.m. Authors' Forum

I. "Value Conflicts and Boom Town Bifurcation" (Classroom 302)

THE  
JOURNAL  
OF  
THE  
ROYAL  
ANTHROPOLOGICAL  
INSTITUTE  
OF GREAT BRITAIN  
AND IRELAND  
VOLUME 10  
PART 1  
1880

CONTENTS  
PAGES  
THE ANTHROPOLOGICAL INSTITUTE OF GREAT BRITAIN AND IRELAND  
1880  
1881  
1882  
1883  
1884  
1885  
1886  
1887  
1888  
1889  
1890  
1891  
1892  
1893  
1894  
1895  
1896  
1897  
1898  
1899  
1900

TUESDAY, JULY 8, 1980 - Authors' Forum Continued

Moderator: *Joseph Davenport, III*, Wyoming Human Services Project, University of Wyoming

Topics & Presenters:

"Grits and Other Preventive Measures for Boom Town Bifurcation," *Joseph Davenport, III*, and *Judith A. Davenport*, Wyoming Human Services Project, University of Wyoming

"Understanding The Boom Town Problem: Value Conflict Between Oldtimers and Newcomers," *Kenneth R. Tremblay, Jr.*, *Harlowe G. Hatle* and *Charles L. Schwartz*, Department of Social Behavior, University of South Dakota

"Preparing Human Service Workers for Practice in Boom Communities," *Lynne Clemmons Morris* and *Judson Henry Morris, Jr.*, College of Social Work, University of South Carolina

II. "Ethics of Energy Production and Consumption" (Classroom 304)

Moderator: *Esther Smith*, Institute of Energy and Environment, University of Wyoming

Topics & Presenters:

"The End of Affluence?", *Erwin Richter*, Department of Chemistry, University of Northern Iowa

"Public Utilities and Solar Electric Power: An Ethical Deliberation," *Martin J. Lowery*, Kappa Systems, Inc., Virginia

TUESDAY, JULY 8, 1980 - Authors' Forum Continued

"The Ethics of Energy Development and Consumption: A Possible Scenario for the Human Services," *Monte H. Koppel*, School of Public Affairs and Services, Florida International University

III. "Energy and Inequality" (Classroom 301)

Moderator: *Fred Lund*, Administration for Public Services, U.S. Department of Health and Human Services, Denver, Colorado

"Energy Costs, The Poor and Social Policy," *Vincent E. Faherty*, School of Social Work, University of Missouri - Columbia

"Social Implications of Rapid Industrialization in North Yorkshire - United Kingdom," *Peter H. Arnold*, Selbe Research Project, Department of Social Administration and Social Work, University of York

IV. "Boom Town Burnout and Practitioner Self-Evaluation" (Classroom 306)

Moderator: *Jeff Baron*, San Juan Mental Health Center, Farmington, New Mexico

Topics & Presenters:

"The High Cost of Burnout: Intervention Techniques to Reduce Job Related Stress in Human Service Professionals," *Janet J. Fritz* and *Jean A. Smith*, Department of Human Development and Family Studies, Colorado State University



THE  
JOURNAL  
OF  
THE  
ROYAL  
ANTHROPOLOGICAL  
INSTITUTE  
OF GREAT  
BRITAIN  
AND IRELAND  
VOLUME  
LXXV  
PART I  
1905

CONTENTS  
PAGES  
The  
JOURNAL  
OF  
THE  
ROYAL  
ANTHROPOLOGICAL  
INSTITUTE  
OF GREAT  
BRITAIN  
AND IRELAND  
VOLUME  
LXXV  
PART I  
1905

TUESDAY, JULY 8, 1980 - Authors' Forum Continued

"Practitioner Approaches to self-Evaluation," *William D. Eldridge*, School of Social Work, Ohio State University

V. "Consumer Education Programs" (Classroom 308)

Moderator: *Garnet Premier*, Agricultural Extension Service, University of Wyoming

Topics & Presenters:

"Energy, Education, and Consumer Choices," *H. Day Chapin* and *Frances W. Chapin*, Sunlife Corporation, Madison, Wisconsin

"The Milwaukee Alliance to Save Energy: An Example of Local Voluntary Cooperation for Energy Conservation," *Dave Sharpe*, Milwaukee County Extension Office, Wisconsin

12:30-2:00 p.m.

Luncheon address (Student Union Room 233 - Tickets must be purchased in advance at the Registration Desk - \$4.00 each.)

Speaker: *Ms. LaDonna Harris*, President, Americans for Indian Opportunity

2:00-3:30 p.m.

Panel Presentation (Classroom 302)

I. "Energy, Women and Minorities" (Classroom 304)

Moderator: *Arlene V. Sutton*, Regional Administrator, Office of Human Development Services, Denver, Colorado

TUESDAY, JULY 8, 1980 - Panel Presentation Continued

Topics & Presenters:

"Aging," *Sharon Larson*, Administration on Aging, Office of Human Development Services, Denver, Colorado

"Minorities," *Juan Cordova*, Administration for Public Services, Denver, Colorado

"Women and Children," *Elizabeth Moen*, Institute for Behavioral Sciences, University of Colorado

2:00-3:30 p.m. Authors' Forum

II. "The Christian Conscience and Energy" (Classroom 301)

Moderator: *Betty King*

Discussants: *Arthur Waidmann*, United Church of Christ, Rock Springs, Wyoming

*Thomas Dicken*, Professor of Christian Thought, Rocky Mountain College, Montana

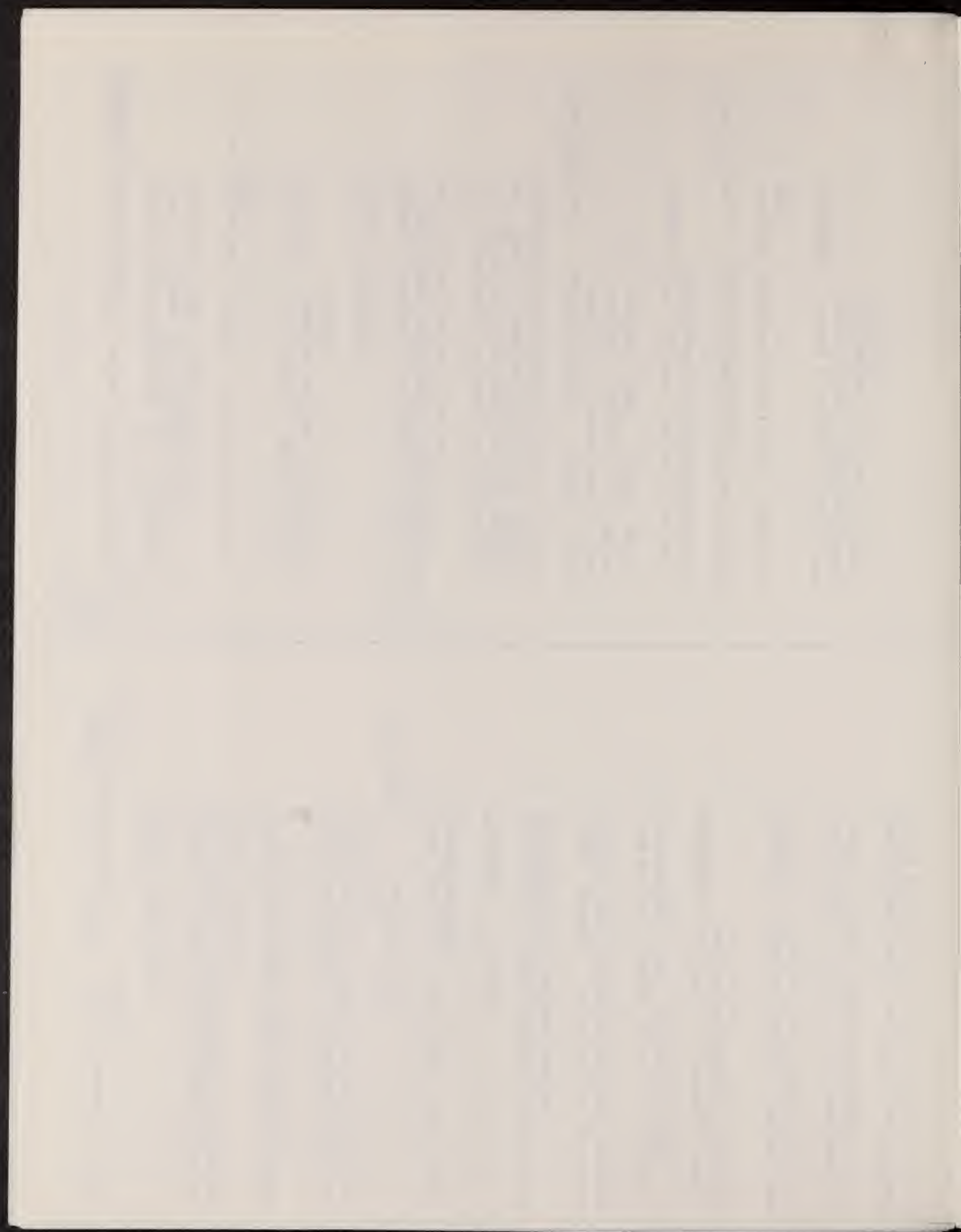
III. "The National Energy Debate: A Feminist Perspective" - Part I (Classroom 302)

Moderator: *Katherine R. Iverson*, Department of Sociology, University of Wyoming

Leaders: *Katherine McLeod*, Social Work Division, Colorado State University

*Joyce Illian*, Pitkin Co. Department of Social Services, Aspen, Colorado

*Mary Boland*, Social Work Division, Colorado State University





TUESDAY, JULY 8, 1980 - Authors' Forum Continued

IV. "Energy, Government and Policy" (Classroom 306)

Moderator: *Byra Kite*, State Representative for Senator Malcolm Wallop

Topics & Presenters:

"An Incremental Decision Model to Predict Emerging Policies in Energy," *Salvatore Imbrogno*, College of Social Work, Ohio State University

"Energy and Public Policy: Where Do We Stand?", *Sandra C. Danforth*, Department of Political Science, Grinnell College, Iowa

"Congress and the Soft Energy Path," *Marian E. Kroghman*, Department of Political Science, University of Northern Iowa

V. "The Energy Crisis and Vulnerable Groups" (Classroom 308)

Moderator: *Earloyde Edmonson*, Arizona Department of Economic Security, Wilcox, Arizona

Topics & Presenters:

"Will Handicapped Persons be the First Casualties or Beneficiaries of the Energy Crisis?", *Stephen F. Chupack*, Vermont Developmental Disabilities Council, Montpelier, Vermont

"Child Abuse in Impact Communities," *Cynthia L. Guillaume* and *Sylvia Ridlen Wenston*, Department of Social Work, University of Wyoming

TUESDAY, JULY 8, 1980 - Authors' Forum Continued

"The Wyoming Human Services Project: A Response to the Needs of Vulnerable Groups in Boom Towns," *Judith A. Davenport* and *Joseph Davenport, III*, Wyoming Human Services Project, University of Wyoming

VI. "Student Perspectives from the Wyoming Human Services Project" (Classroom 209)

Moderator: *Claudia E. Herald*, Bags, Wyoming

Topics & Presenters:

"Women in Energy Impacted Communities," *Robbie K. Baldwin*, Newcastle, Wyoming

"Family Violence in Energy Impacted Communities," *Julie A. O'Donnell*, Cheyenne, Wyoming

3:30-4:00 p.m. Break

4:00-5:30 p.m. Slide-Tape Presentation

I. "Snap, Crackle, Boom!: A Comparative Study of Historical and Contemporary Boom Town Phenomena in Carbon County, Wyoming" (Classroom 302)

Moderator: *Joan Genz*, Carbon County Human Services Project, Carbon County, Wyoming

Presenters: *Cindy Audrey*, *Barbara Byron* and *Ann Zaring*, Carbon County Human Services Project, Carbon County, Wyoming

4:00-5:30 p.m. Workshop

THE  
JOURNAL  
OF  
THE  
ROYAL  
ANTHROPOLOGICAL  
INSTITUTE  
OF GREAT  
BRITAIN  
AND IRELAND  
VOLUME  
LXXV  
PART I  
1905

CONTENTS  
PAGES  
THE ANTHROPOLOGY OF THE  
FUTURE  
BY  
H. H. HUTTON  
1  
THE ANTHROPOLOGY OF THE  
PAST  
BY  
H. H. HUTTON  
1  
THE ANTHROPOLOGY OF THE  
PRESENT  
BY  
H. H. HUTTON  
1  
THE ANTHROPOLOGY OF THE  
FUTURE  
BY  
H. H. HUTTON  
1  
THE ANTHROPOLOGY OF THE  
PAST  
BY  
H. H. HUTTON  
1  
THE ANTHROPOLOGY OF THE  
PRESENT  
BY  
H. H. HUTTON  
1

TUESDAY, JULY 8, 1980 - Workshop Continued

II. "The National Energy Debate: A Feminist Perspective" - Part II (Classroom 304)

Moderator: *Katherine R. Iverson*, Department of Sociology, University of Wyoming

Leaders: *Katherine McLeod*, Social Work Division, Colorado State University

*Joyce Illian*, Pitkin Co. Department of Social Services, Aspen, Colorado

*Mary Boland*, Social Work Division, Colorado State University

4:00-5:30 p.m. Authors' Forum

III. "Energy and the Poor" (Classroom 301)

Moderator: *Helen Kitchens*, Department of Social Work, University of Wyoming

Topics & Presenters:

"Solar Energy, Inflation, and the Poor," *Richard Conlin*, Solar Lobby, Washington, D.C.

"Energy and the Poor: Directions for the Anti-Poverty Agency," *Robert A. Barkell* and *Henry C. Hyde*, Office of Policy, Planning and Evaluation, Community Services Administration, Washington, D.C.

"Heat or Eat," *John E. King* and *Sylvia E. Gonia*, Department of Social Welfare, University of Arkansas

TUESDAY, JULY 8, 1980 - Authors' Forum Continued

IV. "Understanding and Managing Energy-Related Growth" (Classroom 306)

Moderator: *Polly Garret*, Office of Socio-Economic Impacts, U.S. Department of Energy, Denver

Topics & Presenters:

"Social Impact Assessment in Northwest Alberta - A Retrospective Case Study," *Felicity Edwards*, Alberta Oil Sands Environmental Research Program, Edmonton, Alberta, Canada

"Beyond Socioeconomic Impact Forecasting: The Importance of Growth Management," *Julie M. Uhlmann*, Denver Research Institute

4:00-5:30 p.m. Authors' Forum and Slide Presentation

V. "Human Problems in Boom Towns" (Classroom 308)

Moderator: *Peggy Arnold*, Wyo Place, Laramie, Wyoming

Topics & Presenters:

"Stress and Mental Health in Energy Boom Towns," *Robert Weiss*, Tijeras, New Mexico

"Special Problems of Adolescents Under Impact Conditions in Rapidly Developing Small Communities: Some Suggestions toward Amelioration," *James R. Wiebeler*, Department of Social Work, University of Wyoming





WEDNESDAY, JULY 9, 1980 - Panel Presentation Continued

9:00-10:30 a.m. Authors' Forum and Workshop

IV. "Alternative Technology and Soft Energy Paths" (Pharmacy 5)

Moderator: Reed Zare, Powder River Basin Resources Council, Sheridan, Wyoming

Topics & Presenters:

"Appropriate Technology in the U.S.-Present and Future Conditions," Thomas H. Pelletier, National Center for Appropriate Technology, Butte, Montana

"Energy and Neighborhoods: A Social Work Perspective," Steven G. Merley, Center for Urban Affairs, Northwestern University, Illinois

"Hands-on Workshop: The Facilitation of Appropriate Technology Transfer (Or the Return of the Community Barn Raising)," Ronald Marlett and Debra K. Marlett, Oklahoma Institute for a Viable Future, Norman, Oklahoma

9:00-10:30 p.m. Authors' Forum

V. "Effect of the Energy Crisis on Housing and Recreation" (Aven Nelson 212)

Moderator: Elise McNutt, Heritage Conservation and Recreation Service, Denver, Colorado

WEDNESDAY, JULY 9, 1980 - Authors' Forum Continued

Topics & Presenters:

"Good News and Bad News - A Perspective on Housing Needs," D. Blake Chablis, Mobius, Inc., Grand Junction, Colorado

"The Potential for Reclaiming Surface Coal Mines for Recreation," Jacalyn R. Bernard, Land Reclamation Program, Argonne National Laboratory, Argonne, Illinois

10:30-11:00 a.m. Break

11:00-12:00 General Session (Classroom Auditorium)

SPEAKER: Steve Freudenthal, Executive Assistant to the Secretary of the U.S. Department of Interior

12:00-1:30 p.m. Lunch (On your own)

1:30-3:00 p.m. Panel Presentation

I. "Department of Education and Socioeconomic Aspects of Energy Development" (Classroom 304)

Moderator: Henry Fontaine, Energy/Education Specialist, Region VIII Department of Education, Denver, Colorado

Panelists: Il. John Runkel, Region VIII Commissioner, Department of Education, Denver, Colorado

Fred Wilkenson, Department of Education, Washington, D.C.





WEDNESDAY, JULY 9, 1980 - Continued

1:30-3:00 p.m. Videotape and Presentation

- II. "Toil and Rage in a New Land" (Classroom 302)

Moderator: Sylvia Ridlen Wenston, Department of Social Work, University of Wyoming

Presenter: Eric Margolis, Institute of Behavioral Science, University of Colorado  
Panel Presentation

- III. "Spirits of the West - Rapid Growth and Drinking" (Classroom 301) NIAA

Multi-media presentation: Joseph Halpern, Alma Lantz, Vicki Eaton and Ken Harmon, Denver Research Institute, Denver, Colorado

"I'm a Stranger in this Town: Analysis of Boom Town Drinking Patterns," Vicki Eaton and Ken Harmon, Denver Research Institute, Denver, Colorado

"I'm So Lonesome I Could Die: Analysis of Social Support Mechanisms," Alma Lantz and Joseph Halpern, Denver Research Institute, Denver, Colorado

"Groceries, Gas, and Bars: Factors Derived from Rural Drinking," James Schaefer, Office of Alcohol and Drug Abuse Programming, University of Minnesota (originally in Montana)

"Coping with American Indian Drinking: A Social Learning Model," ~~Paul J. Bach~~, Department of Psychology, University of Montana

- IV. "Battered Women in the Boom Towns" (Classroom 209)

WEDNESDAY, JULY 9, 1980 - Videotape and Presentation Continued

Moderator: Patricia Duncombe, Department of Social Work, University of Wyoming

Presenters: Charrell Schillo, Northwest Human Resources Center, Williston, North Dakota

Tracey Clausen, Williston Basin Regional Council for Development, Williston, North Dakota

1:30-3:00 p.m. Authors' Forum

- V. "Energy and Human Services" (Classroom 306)

Moderator: Jenness Steinmetz, Basin Electric Power Cooperative, Wheatland, Wyoming

Topics & Presenters:

"Organizational Arrangements for Multidisciplinary Training Programs for Impacted Community Intervention," Stephen A. Welster, School of Social Work, University of Wisconsin - Madison

"Human Services Program Evaluation in Impacted Communities: Maximizing Utility, Minimizing Disruption," Judith K. Olson, Department of Psychology, University of Wyoming

"Human Services Agencies and Local Government," Donna C. Davidson, Lincoln - Uinta Association of Governments, Kemmerer, Wyoming

